# MONTHLY BULLETIN

## MICHIGAN SOCIETY OF ARCHITECTS

*A State Organization of The American Institute of Architects*

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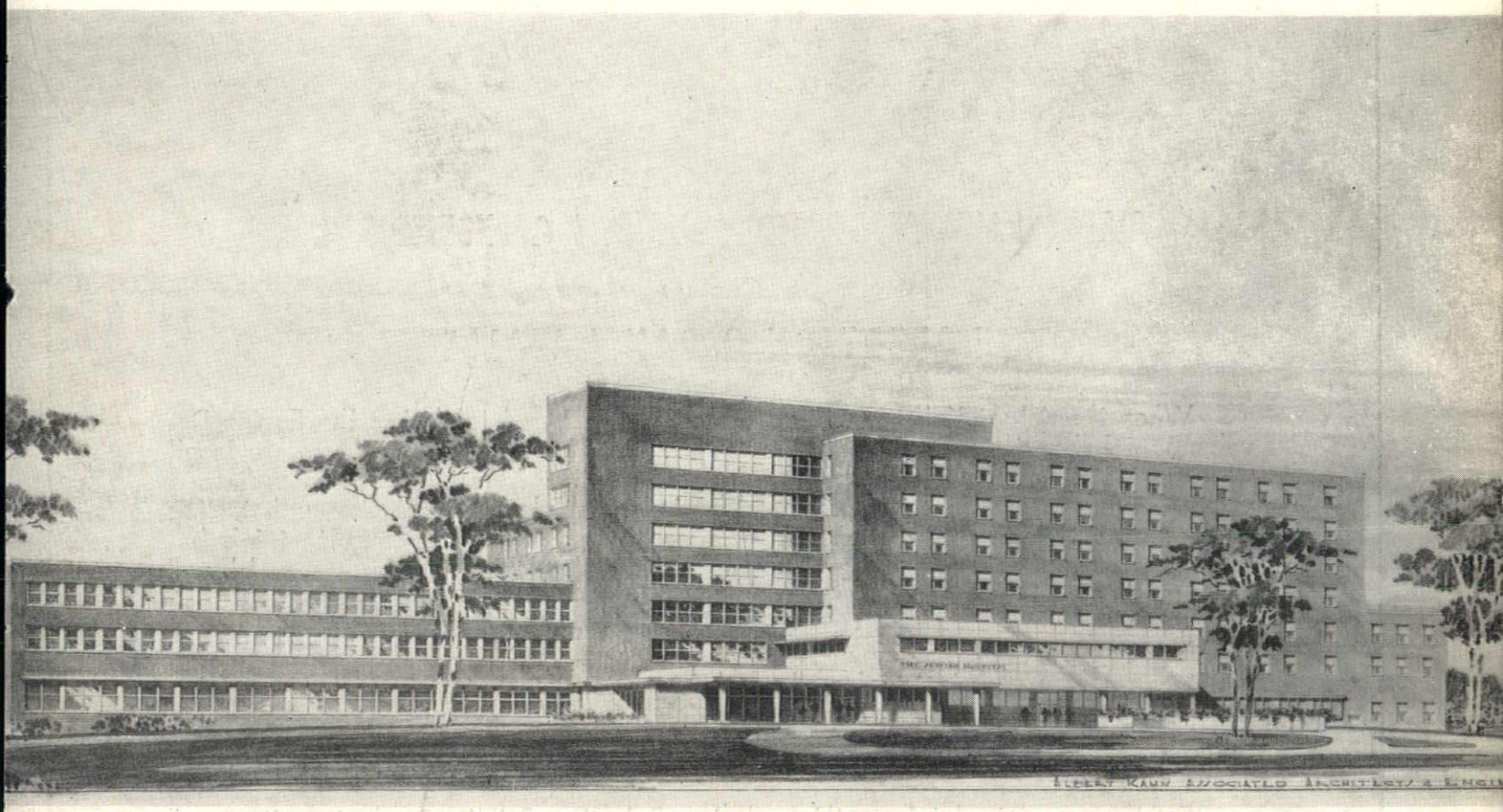


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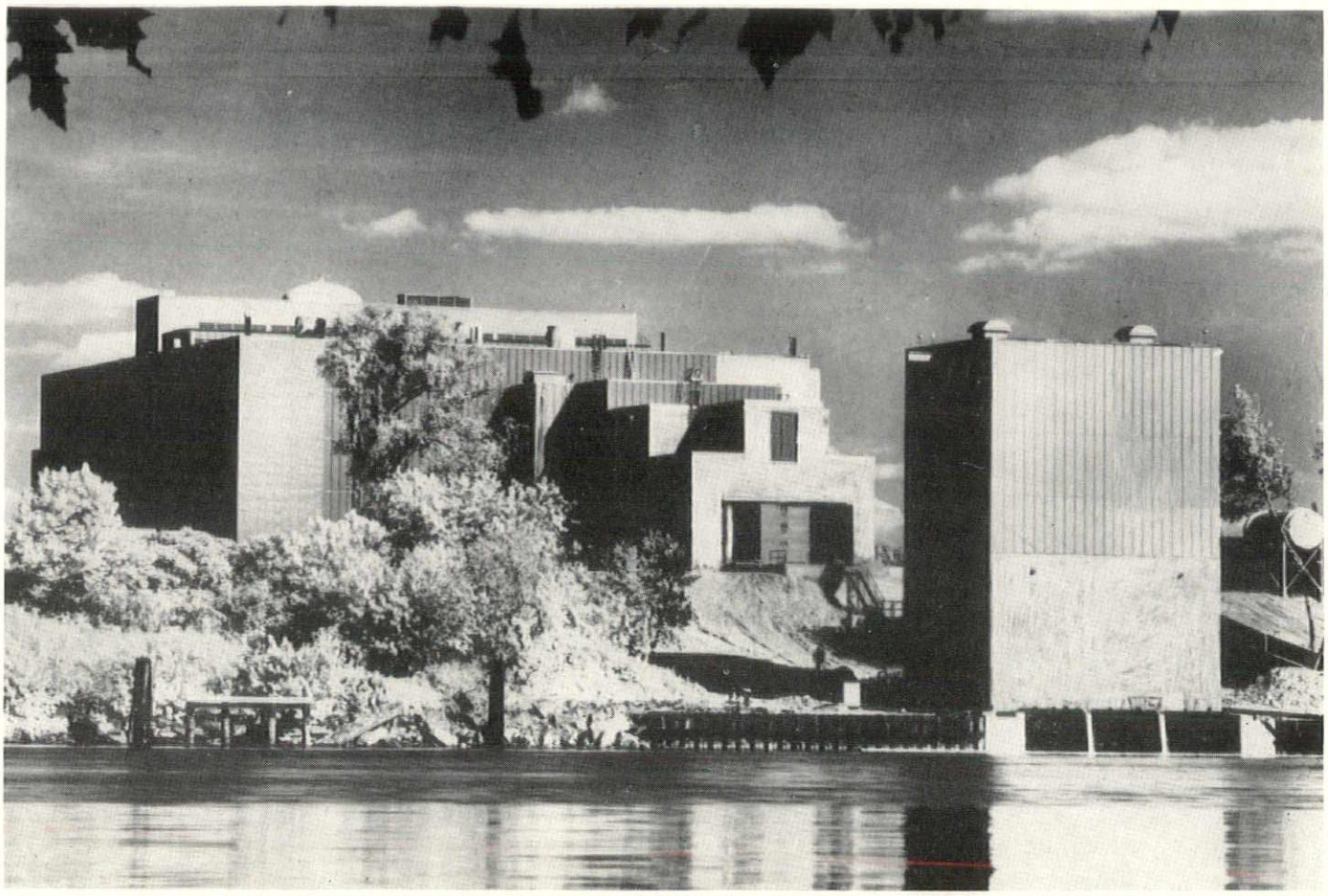

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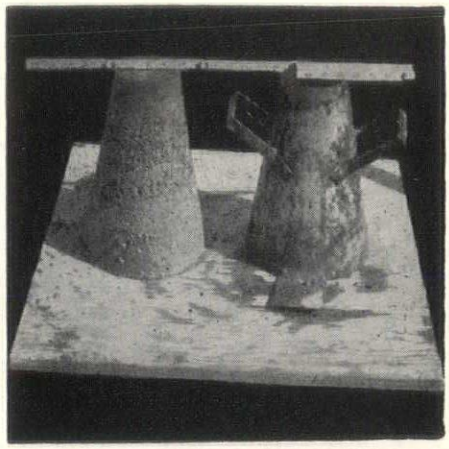

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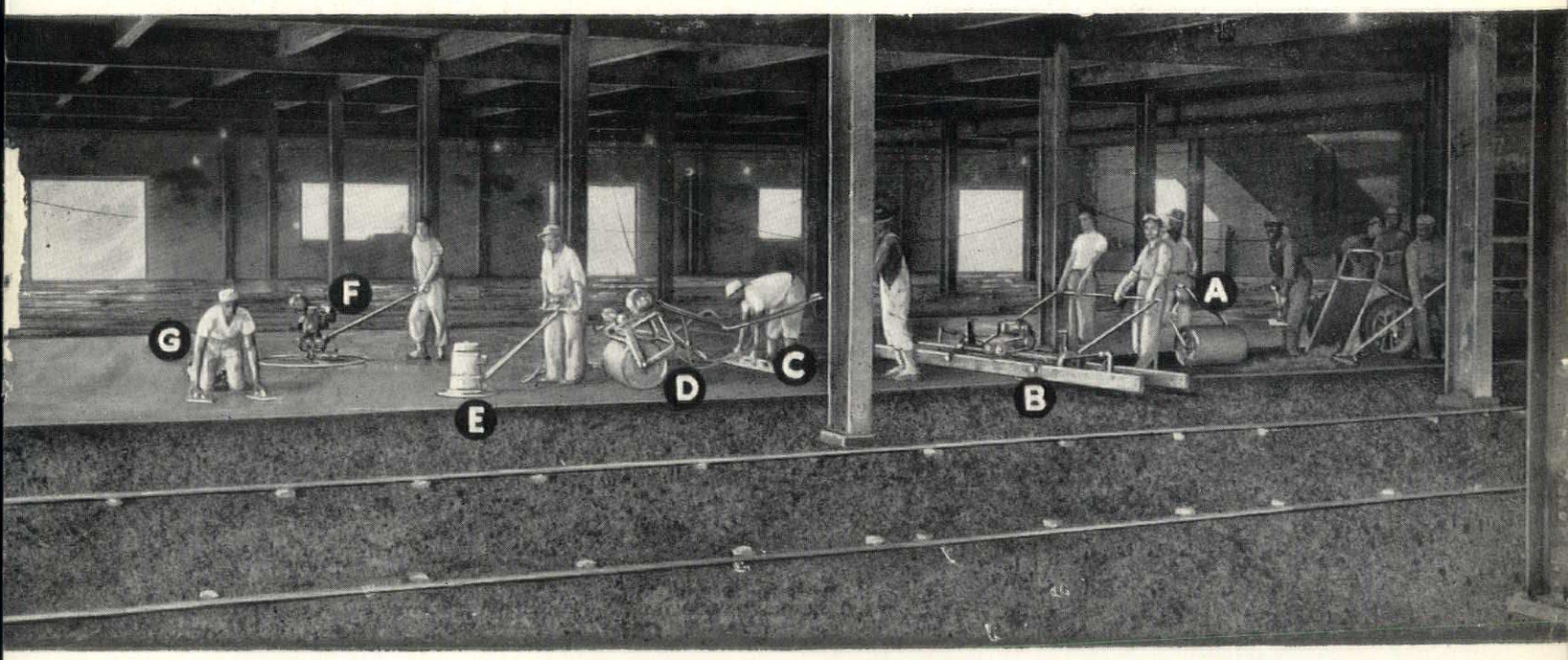


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MICHIGAN SOCIETY OF ARCHITECTS

(Formerly Weekly Bulletin)

**120 Madison Avenue** **Detroit 26, Michigan**

The name, "Monthly Bulletin, Michigan Society of Architects" is owned by Monthly Bulletin, Inc., a subsidiary of the Michigan Society of Architects, a Michigan non-profit corporation. Otherwise owned by Talmage C. Hughes, F.A.I.A., founder (1926), editor and publisher, Executive Secretary of the Society and of the Detroit Chapter, The American Institute of Architects.

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**1952 Midsummer Conference**, Grand Hotel, Mackinac Island, July 31-Aug. 2 & 3, 1952—Ralph W. Knuth, Chairman; Louis C. Kingscott, James A. Spence.

**APELSCOR**—Charles B. McGrew, Chairman; Linn C. Smith. Alternates: John O. Blair, Carl B. Marr.

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**Official Publication**—SAGINAW VALLEY CHAPTER, A.I.A.: James A. Spence, President; Paul A. Brysselbout, Vice-President; Willard E. Fraser, Secretary; George S. Hawes, Treasurer; Ralph W. Knuth, Director.

**Official Publication** — WESTERN MICHIGAN CHAPTER, A.I.A.: Elmer J. Manson, President; Charles A. O'Bryon, Vice-President; Richard G. Snyder, Secretary-Treasurer; James K. Haveman and Christian Steketee, Directors. Charles V. Opdyke, Correspondent.

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**On May 7, 1952, Governor Williams signed House Bill No. 303, which had been passed by the State Legislature.**

**The bill contains amendments to the State Registration Act for Architects, Professional Engineers and Land Surveyors.**

**The existing act had provided that a person not registered could plan, design or supervise construction of residence buildings costing less than $15,000. Principal amendment to the act is to change the dollar-value to 2,500 square feet of calculated floor area.**

**The Act, as published in this issue of the Bulletin, contains the amendments in House Bill No. 330, which are shown in bold type.**

# Bauer MSA Delegate to AIA Convention

The board of directors of the Michigan Society of Architects, meeting at the home of Ralph W. Hammett in Ann Arbor on May 7, named Society president Leo M. Bauer, of Detroit, as delegate to the 84th annual convention of The American Institute of Architects, to be held at Hotel Waldorf-Astoria in New York City, June 24-27.

Linn C. Smith, of the Detroit firm of Eberle M. Smith and Associates, will serve as alternate.

Bauer was delegated to present to the convention a proposal to enter into a comprehensive nationwide visual education program in the public schools. The plan is to include a professional color motion picture about architecture that would fit into the various school programs, and on a level that could be grasped and appreciated by the pupils.

Ralph W. Knuth, Society director, of Flint, reported as chairman of the M.S.A. committee on arrangement for the annual midsummer conference to be held at the Grand Hotel on Mackinac Island, July 31-Aug. 1 and 2. Knuth announced that the principal speaker at the conference would be Dr. Walter Cocking, chairman of the board of editors of the American School Publishing Corporation, of New York City.

The conference will feature an exhibition of architectural work as well as a display of building materials and products.

The jury of award for the C. Allen Harlan $5,000 scholarship was selected.

Ralph W. Hammett, A.I.A., of Ann Arbor, Society vice-president, is professional advisor.

The jury will consist of George H. Miehls, president of Albert Kahn Associated Architects and Engineers, Inc., of Detroit; Louis Rossetti, of the Detroit firm of Giffels and Vallet, Inc., L. Rossetti, Associated Engineers and Architects; Wells I. Bennett, dean of the College of Architecture and Design, University of Michigan; Louis C. Kingscott, of Louis C. Kingscott and Associates, Architects, of Kalamazoo; Amedeo Leone, vice-president of Smith, Hinchman and Grylls, Inc., Architects and Engineers, of Detroit; Robert B. Frantz, of Frantz and Spence, Architects, Saginaw, and Joseph W. Leinweber, of Leinweber, Yamasaki and Hellmuth, Architects, of Detroit.

The fund given by Harlan, president of Harlan Electric Company, of Detroit, is to be paid monthly over a period of one year to a young architect or student of architecture chosen by the jury to study industrial development in and around Detroit.

The winner of the scholarship must be wiling to devote full time to research project of his own choosing and submit a written, illustrated report. He must not be more than 35 years of age.

"Detroit has demonstrated that it is one of he foremost industrial cities in the world," Harlan stated in making the donation. "It is here that industrial architecture received its greatest impetus, and it is believed that industrial methods have much to offer to architecture and the building industry.

"We can move to even greater heights, and our young men, if given the chance, can make a distinct contribution in that direction."

Following the meeting board members met with members of the faculty of the University's College of Architecture and Design, viewed an exhibition of student work, and discussed means of closer cooperation between the profession and the school.

The next meeting of the Board will be at Schuler's restaurant in Marshall, Michigan, on June 11.

Open Letter to All Practitioners and Architectural Registrants of Michigan

Our amendments to Act No. 240, P.A. 1937, as contained in House Bill No. 303, have been approved by the Senate and House of Representatives of the Michigan Legislature. The Bill now has the signature by the Governor, enacting it into law. You will remember that this Bill is the one on which our Special Committee on Legislation worked with great diligence for almost a year. The text of the complete Act, together with the recent amendments, is included in this issue of the Monthly Bulletin.

To all of you who have responded so magnificently to our call for help, may I express to you the sincere appreciation from each Member of the Board. We have received subscriptions from approximately one-half of the total membership, and to those of you who have not sent in contributions may I urge that you **do so immediately.** The program which you may believe complete has only begun, and will require much time and cost in the forseeable future. The names of those who have contributed to the Special Legislative Fund are in this issue of the Bulletin.

May I extend a big and genuine "Thank you" to those who have contributed, with the hope that every registrant in this State who is delinquent will send his contribution immediately. Ours is a program for the entire profession, and not just for the few who have supported our efforts in your behalf.

Very sincerely yours, MICHIGAN SOCIETY OF ARCHITECTS

By Leo M. Bauer, President.

# WESTERN MICHIGAN MEETS AT MARSHALL

The Western Michigan Chapter held its monthly dinner meeting at Schuler's Restaurant in Marshall on May 12. Twenty members attended the session which took place in the cozy atmosphere of the Dickens Hearth Room. President Elmer Manson presided and Phil Haughey of Battle Creek was program chairman for the evening.

After cocktails and a wonderful dinner, President Manson called the meeting to order. The first matter up for discussion was the Summer Outing which the Chapter is going to hold at Lake Macatawa on June 7th. The Producers' Council is cooperating in the program and their national president, A. Naughton Lane, will be the main speaker. W. F. Mulcahy, President, Producers' Council, Michigan Chapter, will be program chairman. Charles O'Bryon made the arrangements for bringing the two organizations together and Al Kolm of Holland will represent the Western Michigan Chapter on final planning.

Al, as everybody knows, was chairman of last year's outing, and he did a fine job, so you won't want to miss this one.

Registration for the outing will begin on Saturday, June 7th at 11 a.m. The cost will be $8.00 per person and this will include luncheon, dinner, and the dance. For those who wish to stay over night, the total cost will be $3.50 additional for room and breakfast.

The Producers' Council will have table-top displays and will also sponsor a cocktail party at 6 p.m. on Saturday.

President Manson is trying to make arrangements to bring the Student Exhibit of the School of Architecture and Design from the University of Michigan for the outing. Gus Langius, who viewed the exhibit at the Ann Arbor meeting of the Society board of directors, said that it should be seen by every architect in the State.

President Manson also mentioned that the Western Michigan Chapter Honor Award winners will be on exhibit in Grand Rapids from June 3 to 15.

The business session ended with the introduction of three new corporate members. They are: Arthur Vanderploeg of Battle Creek, Edmund J. Meles of Lansing, and Edward F. Ebbert of Jackson.

Chairman Haughey then introduced George W. Perrett, President of Perrett, Inc., Realtors, and Vice-President of the Michigan Chapter of the American Institute of Real Estate Appraisers. Mr. Perrett spoke of the relations among Architects, Realtors, and Contractors. He stressed the fact that there is a lack of mutual confidence in these groups, which makes for less efficient service to the public. In the discussion period that followed, most of the members agreed with Mr. Perrett that the public does not have enough protection when buying or building a house.

The meeting was adjourned about 10:30 and everyone hated to leave the comfort of Schulers to drive home in the rain.—Bob McCormick.

*A. NAUGHTON LANE, now serving his second term as president of Producers' Council, Inc., is Vice-President of Monarch Metal Weatherstrip Corp., of St. Louis.*

*He will be the speaker at Western Michigan Chapter, A.I.A. meeting at Mackatawa, June 7, 1952.*

# DOW HOST TO SAGINAW VALLEY CHAPTER

On Tuesday, May 13, 1952, Valley Chapter members were guests of Mr. Dow and his associates for the Chapter's May meeting. At 2 p.m. the members and guests gathered at the office on Post Street and left on a tour of under-construction and completed projects. Mr. Dow acted as guide and commentator which added a special interest. Those visited were:

Parker Frisselle home, Snowfield Road, completed in July, 1951.

Josephine Ashmun home, Snowfield Road. This house was under construction; expected to be completed in June, 1952.

Robert S. Ballmer home, Sugnet Road; completed in September, 1951.

Robert Bennett home, Sugnet Road; completed in February, 1952.

St. Johns Episcopal Church; now under construction, expected to be completed this fall.

Bertha E. Strosacker Memorial Presbyterian Church, now under construction, Aymer Embury, Architect.

First Methodist Church, completed in September, 1950.

The inclusion of the Presbyterian Church in the tour offered much in the way of contrast between contemporary and traditional architecture; lively discussions could be heard on all sides as the various architects expressed opinions.

After the unique and highly absorbing visit to these outstanding architectural achievements, the group returned to Mr. Dow's home. Here some (as Mr. John MacKenzie put it) "cool cups of Highland dew" tasted mighty fine to the tour members. The Dow Gardens were in resplendant blossom and with "cool cups in hand" the guests walked about these beautiful, sprawling gardens and relaxed in all the outdoor wonderment of landscaped grounds in Spring bloom. The business meeting was delayed until the arrival of President Spence; no one seemed to mind much; dachshund Fritzie entertained the members on the terrace. Another diversion was the pond raft, poled by two boys; they said they'd been catfishing, and I think "Huck Finn" appeared in many minds of those who watched these joys of childhood. When President Spence did arrive, he was treated to a childhood joy—host Dow giving him a ride on the half submerged raft.

The business meeting got under way; minutes were read by Secretary Fraser, and Treasurer's report presented by George Hawes. Delegates to the New York convention are to be James Spence and Robert Frantz. Five applications were presented for consideration as associate members. One third of the members of the Saginaw Valley Chapter are Associate Members. There is a feeling in this Chapter that these younger men offer a vital contribution to the spirit of architecture in the Valley. The Chapter considers it important to bring young men into the organization; a twofold benefit results, it guards the future of the profession and provides a give-and-take education aspect to the younger members and to the more established Chapter members. The business meeting was adjourned just in time as darkness was setting on the terrace.

An excellent dinner was served; host Dow carved a huge kine of roast beef like a veteran chef. The guests enjoyed thick slices of beef, butter-swimming whipped potatoes, crisp green salad, garlic-buttered French bread and much hot coffee. The crowning and fittingly spectacular finish to this repast, was rum pie. Those who missed this rum pie know not the most delicious pastry. Its perfection is beyond the reach of mere words. As many "seconds" and in many cases, "thirds" were returned for, the dinner hour stretched out to two hours. This tightly pleasure-packed day ended for the members at eight-thirty p. m. Sincere and profuse thanks were extended to Mr. Dow for making possible this memorable and outstanding day. I should like to add mine. It couldn't have been more enjoyable.

Those Valley Members and guests attending were as follows: Fred Wigen, Carl Schulwitz, John MacKenzie, Fred Beckbissinger, George Bachman, Paul Brysselbout, Peter Frantz, James Spence, Herman Klein, George Hawes, Glenn Beach, Harry Cummings, Francis (Red) Warner, Tex Austin, Jack Hallett, Dick Gustafson, Eldine Crampton, Robert Mengel, Harvey Ellison, Will Fraser and Sam Allen. Both Mr. Fraser and Mr. Allen contemplate being in New York at Convention time, accompanied, of course, by Mrs. Fraser and Mrs. Allen. Mrs. Allen, as owner of the Mar-Allen Interiors Shop, probably will make it a combined business-pleasure trip. All have reservations at the Waldorf.—Neil Bertram.

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# CHARLES EAMES DRAWS CAPACITY AT DETROIT CHAPTER MEET

Charles Eames, noted designer, of Venice, Calfornia, brought out the largest attendance of the Detroit Chapter's current season when he addressed members and guests in the auditorium of The Engineering Society of Detroit on the evening of Monday, May 19.

His subject, "Designing for the Client", was beautifully illustrated with color slides of various subjects used by his office in the wide field of design it engages in. He stressed the service concept of design, taking into account the greatest possible development of the product, whether it be architecture, packaging or any of the multitude of other assignments. To do this, he stated, meant a personal involvement and help from all sources possible—a really unselfish performance, and the doing of a job for the pure enjoyment of it. It means being interested in all of the sciences, arts and other activities, he said.

Mr. Eames spoke for an hour and a half, then there was a lively question-and-answer period.

CHARLES EAMES

THROUGH HISTORY WITH J. WESLEY SMITH

"And I hate this modern furniture!"

*From Saturday Review of Literature*

The lecture was preceded by a dinner meeting, which was preceded by an afternoon Board meeting. Vice-president Amedeo Leone presided, saying, "your president is Mr. Saarinen, remember him?" Al said that Eero had instituted the cocktail hour and then stayed away—in Europe.

The presiding officer reported briefly on happenings at the Board meeting, saying that it had approved recommendations of its Committee on Education for dispensing the Andrew R. Morison Memorial Fund to the three student branch chapters. The Chapters had been circurlarized as to their wishes for use of the fund and several different uses had been suggested, such as making field trips to works of architecture, photographing and filming of them as a record for future student use, the purchase of slides and projectors, assistance in bringing outside speakers to the group, the purchase of architectural books to be a permanent collection in a student branch, the purchase of films on architecture, and awards for achievement or service performed by branch chapter members.

Inasmuch as each chapter has a different problem, it was decided that they might decide for themselves what use they make of their portion of the fund. The fund of approximately $1400 is to be divided equally among the branches at University of Michigan, University of Detroit and Lawrence Institute of Technology.

Mr. Leone announced that two of our members would be made fellows of The American Institute of Architects at the New York Convention. They are our President Eero Saarinen and Kenneth C. Black. He further announced that Robert B. Frantz of Saginaw Valley Chapter would also be so honored.

In the audience was Mr. Marshall Fredericks, sculptor, of Birmingham, and Leone announced that he would receive the Institute's Fine Arts Medal at the Convention.

Chairman Leone called upon your executive secretary to present the matter of listing A.I.A. members in yellow pages of the Detroit telephone directory under the seal and a statement as to what it means. The Chapter has been paying $13 per month for the heading and those members who choose pay fifty cents per month for listing their names under the special heading. This heading has been under "Architects Associations" and follows the general heading of "Architects", which has not been too satisfactory because of the two listings, largely duplications. The telephone company now proposes to discontinue the "Architects Associations" and to have only one list, that of "Architects", with an extra line after the name of each of our members, "Member of The American Institute of Architects." The Company further agrees to discontinue listing under "Architects" all those who are not registered. For this the Chapter would pay $27 per month for a small ad stating the meaning of A.I.A. membership, and each individual subscriber would pay $1 per month for the extra line. The proposal was approved by the members present, without a dissenting vote.

The following 19 members were elected delegates to the 84th A.I.A. Convention in New York, June 24-27, 1952: Leo M. Bauer, Wells I. Bennett, Kenneth C. Clack, L. Robert Blakeslee, George F. Diehl, J. Ivan Dise, Cornelius L. T. Gabler, Ralph S. Gerganoff, Ralph W. Hammett, James B. Hughes, Talmage C. Hughes, Gustave Muth, Frederick C. O'Dell, Louis G. Redstone, Eero Saarinen, Arthur O. A. Schmidt, Linn C. Smith, John C. Thornton, David H. Williams, Jr.

Chapter Secretary, Raymond C. Perkins, presented the Detroit Chapter scholarship awards to members of the three student branch chapters as follows: William H. Cook, of the University of Michigan, College of Architecture & Design; Wah Yee, University of Detroit, College of Architectural Engineering; Frank Ignich, Lawrence Institute of Technology, College of Architecture.

Clair W. Ditchy presented other U. of M. student awards as follows: A.I.A. Medal to Wilson Bond; A.I.A. book, Mont Saint Michel and Chartres, by Henry Adams, to Tivadar Balogh. Dean Bennett presented the Alpha Rho Chi Medal to William Werner.

Earl W. Pellerin, Head of L. I. T. College of Architecture, presented other awards of his group to Don White, the student making the greatest contribution to his student branch, and to Bruce Detmer, for his appreciation, broad understanding and spirit in the profession of architecture.

L. Robert Blakeslee, Head of the Department of Architectural Engineering, U. of D., presented his Branch's Design Award to Walter J. O'Connor.

## SCHEDULE OF SPECIAL ISSUES MONTHLY BULLETIN

### Michigan Society of Architects For 1952

JULY—GIFFELS & VALLET, INC., L. ROSSETTI ASSOCIATED ENGINEERS AND ARCHITECTS

AUGUST—M.S.A. ANNUAL MIDSUMMER CONFERENCE NUMBER (Grand Hotel, Mackinac Island, August 1-2, 1952)

SEPTEMBER—SMITH, HINCHMAN & GRYLLS, INC., ARCHITECTS & ENGINEERS

OCTOBER—M.S.A. ROSTER (BY LOCALITIES)

NOVEMBER — DETROIT CHAPTER, A.I.A. NUMBER

DECEMBER — SAGINAW VALLEY CHAPTER, A.I.A. NUMBER

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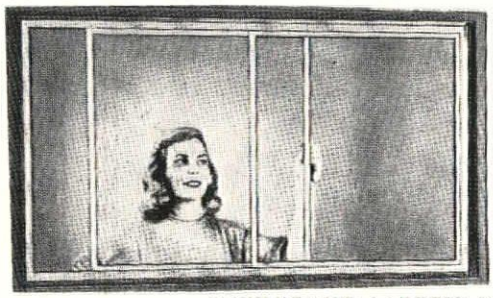

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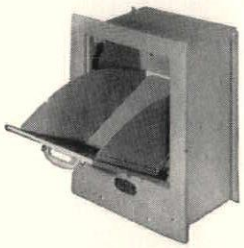

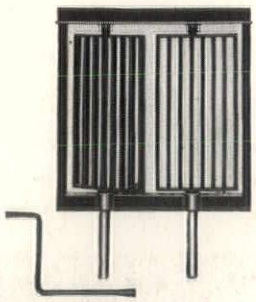

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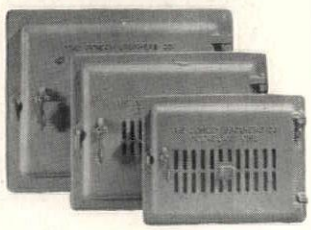

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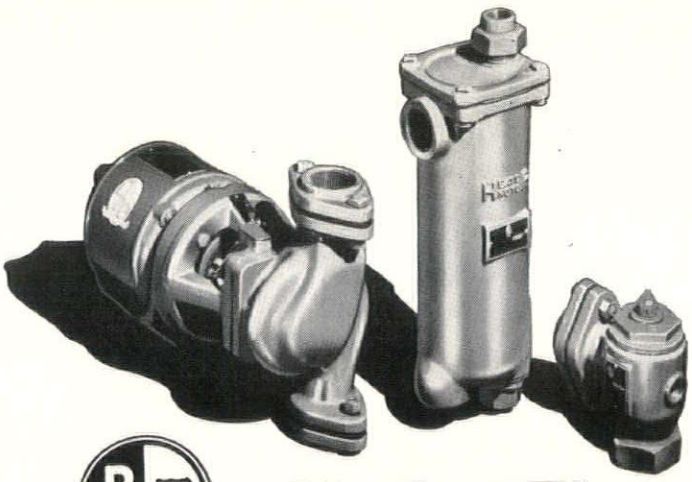

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# MICHIGAN ARCHITECTS TO BE MADE FELLOWS OF THE INSTITUTE

Three members of the Michigan Society of Architects will be advanced to fellowship in The American Institute of Architects at a ceremony during its annual banquet at Hotel Waldorf-Astoria in New York City June 25. The event forms a part of the Institute's 84th annual convention.

The three to be honored are Kenneth C. Black, of Lansing, a member of the Detroit Chapter, A.I.A.; Robert B. Frantz, of the Saginaw Valley Chapter, and Eero Saarinen, president of the Detroit Chapter.

Fellowship in the Institute is conferred in recognition of "notable contribution to the advancement of the profession of architecture, in design, or in the science of construction, or by literature, or educational service, or service to the Institute or any of its component organizations, or by service to the public."

* * *

Kenneth C. Black of Lansing will be awarded fellowship for his service to the Institute.

A graduate of the College of Architecture, University of Michigan, he was awarded the George G. Booth traveling fellowship of Architecture by the University in 1925, and was visiting student at the American Academy in Rome for the next two years. He made two other visits to Europe for travel and study, in addition to trips to Bermuda, Nassau, Cuba and Hawaii.

Black

During his university career he was president of Alpha Rho Chi, professional architectural fraternity, and of Tau Sigma Delta, honorary fraternity in architecture. He served as president of the Michigan Society of Architects, director of the Detroit Chapter, A.I.A., and of the Michigan Engineering Society. He was director of the Great Lakes District, A.I.A., 1947-50.

Kenneth Black's interest and activity in public affairs resulted in his being appointed to many important positions in his City and State, including Chamber of Commerce, Park Commission, City Plan Commission, State Planning Commission, and Housing Redevelopment.

He is in practice with his father under the firm name of Lee Black and Kenneth C. Black, Architects, 706 Capitol Savings & Loan Building, Lansing. The firm has a branch office in the Majestic Building in Detroit, which is in charge of Kenneth's brother, William.

Included in some of the firm's recent work are the School of Business Administration at the University of Michigan in Ann Arbor, and the Auto Owners Insurance Company in Lansing.

Robert B. Frantz of Saginaw will be made a fellow for his public service and service to the Institute.

He received his bachelor of science in architecture from the University of Michigan, College of Architecture in 1917, his master's degree in 1920. He traveled and studied in Europe in 1928 and again in 1947.

Frantz

He became a member of the Michigan Society of Architects upon his registration as an architect in Michigan in 1922. He served as vice-president of the Society, as well as of the Detroit Chapter, A.I.A. He was instrumental in establishing the Saginaw Valley Chapter, A.I.A., and when it was chartered in 1945 he was elected president.

For many yars he has been a member of the State of Michigan Board of Registration for Architects, Professional Engineers and Land Surveyors, and has served as its chairman. He has been active in civic affairs, having served as president of the Saginaw City Plan Commission.

His other affiliations include Saginaw Building & Loan Association (director), Torch Club, Sons of American Revolution, Saginaw Club, (director, president), Rotary, (president), Saginaw Museum Board (president), Trustee of the First Congregational Church (president), Belvedere Club of Charlevoix, Beaux Arts Institute of Design, American Legion.

He was a second lieutenant in the U. S. Field Artillery, 1917-19.

Robert Frantz and Dean Acheson married sisters, members of the distinguished family of Mr. and Mrs. Louis C. Stanley. The sisters are accomplished artists and have received notable national recognition for their work in the field of water colors. In 1946 there was a three-generation show of Acheson-Stanley work at the Corcoran Galleries in Washington, D. C. The work of Sarah (Mrs. Robert B.) Frantz has been shown at the College of Architecture, University of Michigan and at galleries of many cities.

Son Peter Frantz graduated from the University of Michigan, College of Architecture & Design, traveled and studied in Europe, was employed in Detroit architects' offices, and is now with the firm of Frantz and Spence in Saginaw.

Saarinen will be cited for his distinct contribution in the field of design.

Able son of a famous father, Eero Saarinen was born in Finland in 1910. He claims to have spent practically all of his early years under Eliel Saarinen's drafting table. After his father won the second prize in the Chicago Tribune Tower competition, the family moved to this country in 1923, living first in Evanston, Ill., later in Ann Arbor, where Eliel Saarinen was on the faculty at the University of Michigan, College of Architecture, and, after 1926 at Cranbrook, Bloomfield Hills, Mich.

Saarinen

Eero spent 1929-30 in Paris, France, studying "sculpture and Cafe du Dome." The following year he was back at Cranbrook designing furniture for the Kingswood School. From 1931-4 he studied architecture at Yale, completing the five-year course in three years, winning eight medals and a traveling scholarship, highest honor in the architectural school.

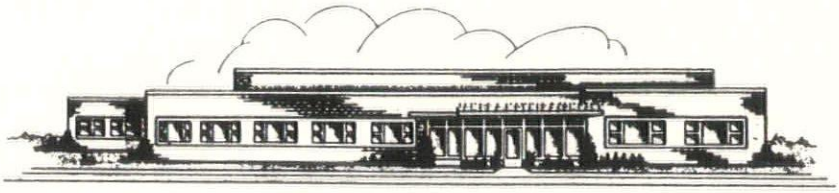
He spent 1935-6 in Finland where he worked with Jarl Eklund on the modeling of the theatre at Helsingfors. He then returned to Cranbrook, was associated again with his father, and was connected with the Flint Institute of Research and Planning, developing a comprehensive plan for that city.

In 1939 Eero, with his father Eliel and brother-in-law J. Robert F. Swanson, won first prize of $7,500 in the national competition for the Smithsonian gallery of art building in Washington, D. C. In the same year Eero, Ralph Rapson and Frederic James won first prize for their design of a festival theatre and fine arts building at the College of William and Mary at Williamsburg, Va.

Saarinen teams have won many other national and international competitions, one of the important ones being the 590' stainless steel arch for St. Louis' "Gateway to the West," as a Jefferson National Expansion Memorial, for which they received $40,000 as first prize. Collaborating on this project were Eero Saarinen's wife Lilian, Dan Kiley of Franconia, N. H., and Architect Alexander Girard of Detroit.

At present Eero Saarinen is consultant to the Detroit City Plan Commission on its Civic Center development. He is also consultant, representing the United States, on the new UNESCO building to be erected in Paris, France.

One of the most recent and noteworthy Saarinen projects is the new General Motors Research Center at Centerline, Mich.



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# THE DETROIT CHAPTER AIA ELECTS NEW MEMBERS

**HURLESS E. BANKES**, Corporate Member, 16606 James Couzens Highway, Detroit 21, was born in LaFarge, Wis., educated at Richland Center, Wis. High School, and LaCrosse, Wis. Teachers College. He was employed in offices of leading architects in Wisconsin and Detroit. At present he is self employed.

**FREDERICK BURR JOSLIN**, Corporate Member, 14450 Stahelin Ave., Detroit, received his B.S. in Architecture from the U. of M. College of Architecture and Design, where he was elected a member of Tau Sigma Delta, honorary architectural fraternity. He traveled and studied in Europe in 1929 and 1930, after which he was engaged in architectural offices in Grand Rapids and Detroit. At present he maintains his own practice in Detroit.

**DENNIS H. LANDAU**, Corporate Member, 600 Pingree Ave., Detroit, a native of Kansas City, Mo., received his B.S. in Architecture from the University of Kansas. He was employed in architectural offices in Kansas and Missouri before entering the office of Smith Hinchman & Grylls, Inc., Architects & Engineers, of Detroit, where he is now employed.

**KIYOSHI MANO**, Corporate Member, a native of California, received his architectural degrees from the University of California and Washington University in St. Louis. He received his master's degree from Cranbrook Academy of Art, for which he had been awarded a scholarship. He had been employed in the offices of Saarinan, Swanson & Saarinen, and Louis G. Redstone. He is now with O'Dell, Hewlett & Luckenbach.

**PAUL MOFFETT**, Corporate Member, 139 W. Maple, Birmingham, Mich., was educated at Cranbrook, Flint Junior College, and at the University of Michigan. After foreign travel and study, he was employed by Alden B. Dow, of Midland, Mich., and Wallace Frost, of Birmingham. He is now engaged in independent practice and as instructor in architectural design at the University of Detroit.

**ELLIOT FINLEY ROBINSON**, Corporate Member, 572 Linden Rd., Birmingham, Mich., a native of Detroit, attended Central High School, and received his B.A. degree from the U. of M., College of Architecture & Design in 1939, also B.A. from Harvard University. He traveled and studied in Europe in 1949. After employment with Saarinen Associates and the Albert Kahn office, he joined the staff of Smith, Hinchman & Grylls, where he is now employed.

**FREDERICK G. STICKEL**, Corporate Member, 377 McKinley Road, Grosse Pointe Farms, received his B.S. in Architecture from the University of Illinois, traveled and studied in Europe, then became employed by Smith, Hinchman & Grylls. This was interrupted by his service in the USAAF, 1942-45, after which he returned to SH & G. Since 1950, he has been with the Detroit office of Victor Gruen, Architect.

**BERJ TASHJIAN**, Corporate Member, was born in Massachusetts, where he received his early education as well as his architectural schooling in Massachusetts Institute of Technology and Harvard University, having received the Austin Scholarship. After serving with leading Detroit architects, he became employed by the Ford Motor Company, which position he still holds.

**ROBERT C. WAKELY**, Corporate Member, 18504 Kelly Road, Detroit, attended Highland Park High School, and graduated from the University of Detroit in 1943. He was employed by L. Robert Blakeslee, Saarinen & Saarinen; Harley, Ellington & Day. He is self-employed at present.

**HAROLD BINDER**, Associate Member, a native of Boston, was educated there, and received his A.B. degree from Harvard University in 1948, his bachelor of architecture from the Harvard Graduate School of Design. After employment in Boston, he was engaged in 1951 by the Albert Kahn office in Detroit as designer. In collaboration with Gordon A. Sheill, A.I.A., also of the Kahn office, he won first prize in the Howard T. Keating House Competition, sponsored by the Michigan Society of Architects last February.

**MRS. KATHERINE C. FOLTUS**, Associate Member, 16241 Baylis Ave., Detroit, was born in Breckenridge, Mich., and received her architectural education at Lawrence Institute of Technology, where she was a member of the student chapter of the A.I.A. She has been employed by Clark R. Ackley, A.I.A., of Lansing.

**C. JOHN LANDI**, Associate Member, 524 Mause Ave., Ypsilanti, was born in New York City, where he attended the School of Industrial Arts and Pratt Institute. He was employed by Eggers & Higgins; Voorhees, Walker, Foley & Smith; Charles Noble; Harley, Ellington & Day, and Smith, Hinchman & Grylls. He is now with Jahr-Anderson Associates, in Dearborn, Mich.

**WILLIAM D. BLACK**, Junior Associate Member, of Lansing, Mich., is a senior at the College of Architecture and Design, University of Michigan. He attended Lansing High School, Albion College, Alabama Polytechnic Institute. He has been employed by his father, Lee Black and brother Kenneth C. Black, of Lansing, and is now in charge of the Black's branch office in Detroit.

**WESLEY EVANS LA ROY**, Junior Associate Member, 560 Arlington Drive, Inkster, Mich., a native of Detroit, graduated from Henry Ford High School, and Dearborn High School, received his bachelor of architecture from the U. of M. College of Architecture & Design in 1951. He was employed by Harry C. Vicary of Dearborn, is now with Palmquist & Wright of Detroit.

**JOHN H. EVANS**, Corporate Member, 756 Woodlawn Ave., Jackson, Mich., transferred from Toledo Chapter to Detroit Chapter.

**S. ALEXANDER NURMI**, Corporate Member, 1669 N. Chevrolet Ave., Flint, transferred from Detroit Chapter to Saginaw Valley Chapter.

**LEON YULKOWSKI**, Junior Associate Member, transferred from Detroit Chapter to Northern California Chapter.

**LOUIS W. KLEI**, Corporate Member, 2331 W. Davison Ave., Detroit, resigned his membership.

**MEMBERSHIP TERMINATED:** 12 members.

**UNDER SUSPENSION**, for non-payment of dues, are fourteen corporate members, whose memberships will be terminated as of the end of 1952 if payments are not made by that time.

---

**EERO SAARINEN**, president of the Detroit Chapter of The American Institute of Architects, will head the delegation from the Chapter to the 84th Annual Convention of The Institute at the Waldorf-Astoria Hotel in New York City, June 24-27, 1952.

Clair W. Ditchy, F. A. I. A., of Detroit national secretary of the Institute, announces that the theme of the convention will involve Detroit in a rather intimate way. The subject will have to do with the influence the automobile has had on modern civilization and how it has broadened our lives. Comparisons will be drawn between the technique of automobile production and the manufacturing of building materials. It is expected that the keynote speaker will be a representative of the automobile industry in Detroit, and a challenge will be laid down for the building industry to keep pace with modern developments.

Other members of the Detroit Chapter who will attend the New York convention are Henry J. Abrams, Werner B. Anderson, Hurless E. Bankes, Wells I. Bennett, Kenneth C. Black, L. Robert Blakeslee, Louis Chesnow, J. Ivan Dise, Cornelius L. T. Gabler, Ralph S. Gerganoff, James B. Hughes, Talmage C. Hughes, William Muschenheim, Gustave Muth, Louis G. Redstone, John Leonard Rush, Linn C. Smith and David H. Williams, Jr., Chas. M. Valentine.

George F. Diehl, Richard B. Fernbach, J. Alden Fusco, Ralph W. Hammett, Earl G. Meyer, Frederick C. O'Dell, Arthur O. A. Schmidt, John C. Thornton.

Leo M. Bauer, President of the Michigan Society of Architects, will be a delegate from both the Society and the Detroit Chapter.

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# Products News

## GLASS MOSAICS

Andrew R. Maglia, 15751 Plainview Ave., Detroit, had an interesting exhibit at the recent MSA convention in Detroit.

The product, known as Vetrotex Satin Glass Mosaic, is said to be one of the most modern and beautiful materials for walls and floors. It is manufactured in Florence, Italy and distributed here by Maglia. It is low in cost and has a permanence that is equaled by few if any other such materials.

The following item on Mosaic in Architecture is contained in the brochure descriptive of the product:

The use of mosaic as an architectural adornment dates back more than five thousand years. Among the ruins unearthed in Southern Mesopotamia are found remnants of walls covered with imbedded closely spaced cones of baked clay with a blunt end painted black or red to produce an effect of unusual, sparkling and plastic beauty. The early Minoans, Sumeranians, Egyptians, Aegeans and the later Byzantines and Mohammedans also used mosaics as an architectural medium of artistic expression.

Many are the examples of mosaic wall decorations executed thousands of years ago with small pieces of multicolored stones and tesserae of crystal, beryl, lapis-lazuly, amethyst and solid gold. With the growth of the Roman Empire and its influence upon the Arts, mosaics found their way to Italy where the technique of applying them with "pozzaluna," a substance closely resembling Portland Cement, was developed. The early Christians seized upon the use of mosaic to perpetuate their faith with artistic decorations and symbolism. Architects and artists of the Middle Ages and of the Renaissance Period chose the medium of mosaic to add beauty, dignity and lasting life to their achievements. The superb monumentality and splendor of many palaces and Basilicas throughout Europe, and particularly Italy, is due in generous measure to their mosaics. Without them, many buildings, which are presently treasured as gems of bygone ages, would have been regarded as mere "old places." Hence, it is logical to assume that, while mosaic is an expression of artistry and beauty by itself, it is also a medium through which the well-meaning and far-sighted architect can add decorum and prestige to his projects. Because time, materials and cost are of paramount consideration in present day building construction, attention is called to the pertinent information given in the following pages about Silky Glass Mosaic now available for either interior or exterior use in residential, commercial, religious and institutional buildings.

**CLYDE W. KELLY** has been named chief engineer of the Fenestra Window and Door Division of Detroit Steel Products Company, it is announced by H. D. Palmer, President.

Kelly has been with the Company since shortly after the first World War, serving in the Standards and Development Departments and, since 1928, as Assistant Chief Engineer under W. C. Randall, who retired this year.

Mr. Kelly is affiliated with the American Society of Testing Material, the Engineering Society of Detroit and the Michigan Society of Professional Engineers. He is a member of Sub committee IV of the American Standard Association Committee A62 on Modular Coordination, and is also in the Technical Committee of the Metal Window Institute.

* * *

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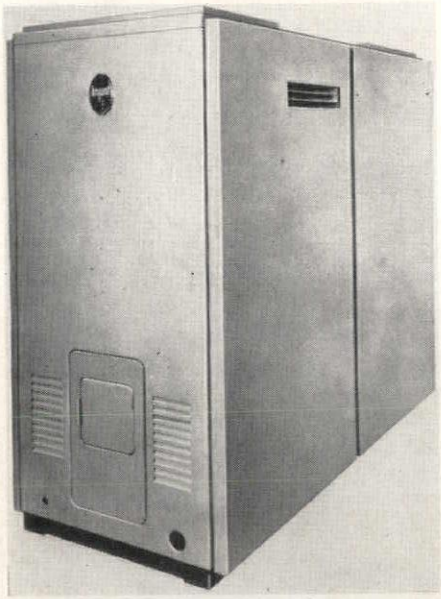

The unit, designated as the Model 576 "All-Weather" Air Conditioner, features a "Reheat" cycle to control humidity during summer operation.

The Model 576 is completely factory-assembled and shipped in two sections which are easily joined at the site of installation.

Additional information on this equipment may be obtained from Bryant Heater Division, A.G.E., Inc., 17825 St. Clair Ave., Cleveland 10, Ohio, or J. H. Swallow, Bryant Heater Division, Central Detroit Warehouse, 10th & Front Sts. WO. 3-0182.

*Newest among the hollow metal products of Diebold, Inc., is the K.D. Sliding Closet Door unit now available complete in a knock-down package designed to fit all wall applications.*

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**JOHN C. THORNTON,** chairman of the committee on relations with the construction industry, Detroit Chapter, The American Institute of Architects, has reported to the Chapter board that his committee has developed a plan to give architects and owners an inspection service for roofing that will assure specifications being carried out.

The plan is for architects to require a certificate of approval from a recognized testing laboratory to date of billing. The service calls for examination of materials and inspection of application.

* * *

**THE TRANE COMPANY** announces that its Detroit sales office is now in a new location at 15370 Schaefer Highway, Detroit 27. The new telephone number is BRoadway 3-3500. A. A. Kernjack is sales representative in charge of the Detroit office.

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**MULCAHY & COLLINS,** manufacturers representatives for several nationally known plumbing products for the State of Michigan, announce that R. M. Ackerman, former manager of Kohler Company, Detroit branch, is now associated with their firm and will be their Western Michigan representative with headquarters in Grand Rapids. Detroit office of the company is at 405 Donovan Building.

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**VIRGINIA METAL PRODUCTS CORPORATION** has opened a Detroit District office at 410 Stephenson building, it is announced by Frank L. Hammond, manager of the Corporation's partition sales division.

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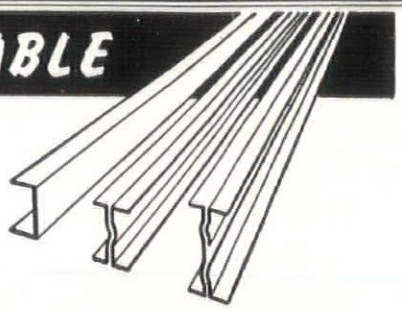

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# ARCHITECTS DELIVER LECTURES BEFORE GROUPS

**CLAIR W. DITCHY, F.A.I.A.,** of Royal Oak and Detroit, was a speaker at the annual career meeting, sponsored by the Ferndale-Pleasant Ridge Parent-Teachers Association, in Lincoln High School, Pleasant Ridge on the evening of April 1. Purpose of the event was to acquaint parents and pupils as to the various professions with the view toward selecting them for careers.

Ditchy, who is national secretary of The American Institute of Architects, was one of the speakers at the annual convention of the Building Officials Conference of America, at Hotel Statler, May 12, 1952. His subject was "The Architect's Point of View."

Another speaker on the same program was Frank Burton, of Detroit, who spoke on "Local Building Codes versus Federal Controls." Burton was the second president of BOCA.

In addressing members of BOCA, of which Detroit's Building Commissioner, Joseph P. Wolff, is President, Ditchy advocated unification of building codes, saying that new materials and methods of construction require new concepts of design, which should be recognized by up-to-date codes.

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**EDWARD G. ROSELLA, A.I.A.,** of the speakers committee of the Detroit Chapter of The American Institute of Architects, addressed the class in interior decorating and home planning of Denby High School on March 19.

Rosella's lecture, which was in connection with the school's family living program, dealt with the value of an architect's services for the small-home builder. The speaker traced the development of houses from the early Colonial to the present, and included the introduction of modern features. He also outlined the steps in remodeling, decoration and landscaping.

The lecture was in line with the Chapter's program of public relations and a cooperative effort with the public school system.

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Architects James B. Hughes and Arthur H. Messing were counselors at the recent annual vocational guidance meeting sponsored by The Engineering Society of Detroit in the Rackham Educational Memorial building.

Purpose of this, the 17th annual meeting, was to acquaint architectural and engineering students with the professions in order that they may better decide on the selection of one as a career.

Dean C. J. Freund, College of Engineering, University of Detroit, gave the principal address in the ESD auditorium, following which students divided up into groups to have their questions answered by the different practitioners.

This year's meeting had added significance in light of the manpower shortage faced by the engineering and architectural professions.

**R. BUCKMINSTER FULLER,** architect and inventor was the speaker at the closing event of the Metropolitan Art Association's current series of lectures at The Detroit Institute of Arts April 9. Fuller, who is now on the faculty at the Massachusetts Institute of Technology, was introduced by W. Hawkins Ferry, Association president.

The speaker discussed "Energetic Geometry" an exploration he had been engaged in since 1917. His lecture was illustrated by slides and models.

"Future design," he said, "will be

based upon metals of specific alloys made for the particular purpose intended.

"If our people are to be properly housed, that housing will have to be produced on a production line, and the pound will become the yardstick."

Accordingly, Fuller's newest house design is of aluminum, stainless steel and plastics instead of bricks and lumber; its weight about three tons, instead of the usual hundred. It hangs rather than sits. This, he explains, comes from the well-known fact that to secure the maximum results with the least amount of materials the structural members must be in tension rather than in compression, such as suspension a bridge rather than the Pyramids. Thus, with his "geodetic Dome" he has demonstrated that it is possible to enclose huge spaces with surprisingly little material.

Asked how large he thought such structures could be built, he replied that calculations had been made for them up to one-half mile in diameter —and that, he said was "only the beginning," adding that it would be quite possible to enclose a whole city with a light skeleton framework without any columns.

Fuller, designer of the "Dymaxion" house, sees "comprehensive design" as the solution to the greatest problem man has ever faced—the overpopulation of the world, resulting in a lowered standard of living for most of the inhabitants. He maintains that at present the world's industrial production is preoccupied in the service of only one quarter of the world's population, though 100% are either directly or indirectly engaged in procurement, processing and transportation.

He emphasizes the surprise factors developing in technical trends of the building arts, with special reference to recent successful research toward amplifying performance while reducing costs.

## *Letters . . .*

**BULLETIN:**

I am a member of The Society of Polish Architects Abroad. I wish to emigrate to U.S.A., and in order to receive the visa, I am requested by the American Embassy in London to provide "Affidavit of Sponsorship." I would be most grateful if any of your members would provide me with such a document as would satisfy the above authorities.

I am 37 years of age, married, and I served as a Lieutenant in the Polish Army from 1939 to 1947.

I am an Architect with University Degree, awarded to me at Liverpool University (1946). I have also passed the R.I.B.A. Final Examination (London), and have eleven years' experience. I should be pleased to provide any further information which may be required.

I would be very grateful for this help, and would appreciate your early reply. F. A. CZOP, 33 Ellesmere Road, London, W. 4.

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**BULLETIN:**

Just a brief note to say thanks for all you and the committees did to make the convention at the Statler the success that it was. I know you work hard to keep this organization something to be proud of, and I think it is about time some of us took it upon ourselves to show you our appreciation for all you have done.

I, for one, consider it an honor to be a member of the Michigan Society of Architects, and there could be no other reason for this than the fact that the men who have gone before me in this profession, such as yourselves, have made it what it is. When the torch is finally thrown to some of us who are younger (not much younger), let us hope that we will be able to live up to the tradition established by you and your associates,

W. GLASSON COOMBE, A.I.A.

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**BULLETIN:**

I want to congratulate the Society on the success of its recent annual meeting. From the report as set forth in the Monthly Bulletin, it was one of the most successful in many respects.

I was very much disappointed in not being able to be one among you, but unfortunately I was, at the time, confined to my home after a rather severe illness. From this I have now about recovered, am feeling quite normal, and am back at my office for a part of each day.

With best wishes and trusting that I may be in attendance at future meetings, I remain very truly yours, EDWARD A. SCHILLING.

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# RECENT PUBLICATIONS AND DOCUMENTS

Joseph P. Wolff, commissioner of the Department of Buildings and Safety Engineering for the City of Detroit, has just issued the forty-first annual report of the department, for the year of 1951.

The report shows the total cost of construction during 1951 amounting to $159,609,313 as compared to the all-time high of $208,005,689 reached in the previous year. The decline was general in all classes of construction with the exception of industrial, which attained the unprecedented total of $27,329,559, compared with $18,290,281 during 1950.

The department has kept records of permits issued in sixteen of the principal cities located in the Detroit metropolitan area during the past year, which total $143,405,786.

"There are upwards of fifty incorporated municipalities in this area," the report states, "and if reports were available the total in these communities would undoubtedly exceed those of Detroit proper."

"The lower volume in the past year follows the national trend," the report continues, "and the main factors in the decrease can be attributed to higher construction prices, more stringent credit controls and federal restrictions governing the use of critical materials and equipment."

The commissioner points out that one contributing factor in the decline of residential construction is the dwindling number of vacant lots available for this type of construction. He adds that the future presents a challenge to rebuild large areas that now contain many living accommodations which are substandard according to present-day concepts.

With respect to the Architects State Registration Act, the report states:

"In the past years we have given the utmost attention to the requirement of the State Act which provides that it is unlawful for any public official of the State of Michigan to accept for filing as a public record, building plans and specifications for all projects with the exception of residential buildings costing less than $15,000 and accessory structures, which do not bear the seal of a registered architect or professional engineer. The Act excludes plans prepared by an owner for the construction of buildings on his own property.

"We have experienced some difficulty in connection with owners who have submitted sworn statements claiming they have prepared the plans for structures to be erected on their own property whereas existing circumstances indicate that the truth of the statement could be questioned.

"During the year the State Board of Registration for Architects and Engineers who administers the provisions of the Act has organized an investigation division. This division investigates all cases of this nature as well as any other matters which may be considered as violations of the regulations. Undoubtedly the policy of making field investigations in questionable cases and prosecuting violators, will be of material assistance to building departments who are obliged to enforce certain provisions of the Act."

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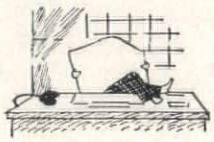

Planning better Vacation Accommodations is the title of a new brochure by C. A. Gunn, Department of Land and Water Conservation, Michigan State College, East Lansing, Michigan.

The 36-page booklet is well illustrated with photographs, sketches and plans of desirable projects, and contains much valuable information for present as well as prospective operators. The material in the bulletin results from several years' contact with commercial operators, and research in architecture, landscape architecture, conservation and engineering.

Some time ago Gunn was the author of a similar bulletin, "Planning Better Overnight Accommodations," which had wide distribution among architects and others interested.

The author states, "buildings and grounds for longer-stay vacationists are just a little different from those for overnight guests. Hence, the suggestions for planning these two types have been presented in two seperate bulletins."

Copies of the booklet may be obtained by writing C. A. Gunn, Research Assistant and Extension Specialist, Michigan State College, East Lansing, Michigan.

* * *

**ALEXANDER GIRARD, A.I.A.**, who has been appointed by Eero Saarinen, president of the Detroit Chapter, A.I.A., to revamp the Chapter's printed matter, has recommended that the project be extended to include the other two chapters of the Institute in Michigan—Western Michigan and Saginaw Valley—and the Michigan Society of Architects.

In fact, says Girard, "the literature of the national body and all of its chapters could stand some modernizing, as, not only is there a lack of unity among the various pieces, but much of it is old-fashioned.

In line with this, Girard has recommended a uniform job sign for architects to place on their construction projects, that would be the same throughout the country. The Pasadena Chapter, A.I.A., has adopted such a sign which has been approved by several other chapters.

# *Appointments - Honors*

**MISS HELEN L. FASSETT** has been appointed by Governor G. Mennen Williams to membership on the Detroit Regional Planning Commission.

Miss Fassett, an associate member of the Detroit Chapter of The American Institute of Architects, is a member of the Detroit City Plan Commission. She is on the staff of Smith, Hinchman and Grylls, Inc., architects and engineers. She received her degree in architecture from Armour Institute in 1921, later studied and traveled in Europe, and took special courses in architecture at Columbia University.

Returning to Detroit in 1925, she held a series of architectural assignments: Home Furnishing Training Director for The J. L. Hudson Co.; Director of Residential Modernization for the Detroit Trust Co., and Managing Director and Color Consultant for Holden & Reaume when they were building the River Terrace apartments.

* * *

**ARCHITECT, NEIL E. WARREN, A.I.A.**, has been appointed a member of the City Planning Commission of Pleasant Ridge, Michigan.

Warren, a graduate of the University of Michigan, received his early experience with Alden Dow, prominent architect of Midland, Mich. After six years with Dow, he gained advanced experience with the firm of Shreve, Anderson & Walker, of Detroit. At the present time he is employed in the Architectural Division of the Detroit Edison Company.

During World War II, Warren served two years in the Pacific Theater as a Lt. Commander, USNR. His home is now in Pleasant Ridge and he is a member of the Michigan Society of Architects and the Engineering Society of Detroit.

* * *

**EERO SAARINEN, A.I.A.**, president of the Detroit Chapter, The American Institute of Architects, has just returned from Europe where he met with the architectural commission on the new UNESCO building to be constructed in Paris, France.

Saarinen, who is American consultant on the project, went to Paris about a month ago for the organization meeting of the group. His recent visit was for the purpose of considering the first sketches of the building which is to be built in Paris directly opposite the Ecole Militaire.

* * *

**HAROLD S. ELLINGTON,** of Harley, Ellington and Day, Inc., Detroit architects and engineers has been honored for professional achievements in the field of engineering science.

He was presented with the Distinguished Service Award at the alumni reunion dinner of the Institute of Technology in Chicago.

Ellington is a professional engineer licensed in 11 states and the Province of Ontario.

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# MICHIGAN STATE BOARD OF REGISTRATION FOR ARCHITECTS, PROFESSIONAL ENGINEERS AND LAND SURVEYORS — 705 Cadillac Square Building, Detroit 26, WOodward 2-0217

## Act 240, P.A. 1937, as Amended by Act 294, P.A. 1941; Act 267, P.A. 1945, and Act 260, P.A. 1952

### REGISTRATION ACT

AN ACT to license and regulate the practice of architecture, professional engineering and land surveying; to create a state board of registration for architects, professional engineers and land surveyors, and to prescribe its powers and duties; to impose certain powers and duties upon the state and the political subdivisions thereof in connection with public work; to provide penalties for the violation of the provisions of this act; and to repeal all acts and parts of acts inconsistent with the provisions of this act.

**The People of the State of Michigan enact:**

Section 1. In order to safeguard life, health and property, any person practicing or offering to practice the profession of architecture, profession of engineering or of land surveying, shall hereafter be required to submit evidence that he is qualified so to practice and shall be registered as hereinafter provided; and it shall be unlawful for any person to practice or to offer to practice the profession of architecture, the profession of engineering or of land surveying, in this state, or to use in connection with his name or otherwise assume, use or advertise any title or description tending to convey the impression that he is an architect, a professional engineer, or a land surveyor, unless such person has been duly registered or exempted under the provisions of this act.

Sec. 2. The term "architect" as used in this act shall mean a person who, by reason of his knowledge of mathematics, the physical sciences, and the principles of architectural design, acquired by professional education and practical experience is qualified to engage in architectural practice as hereinafter defined.

The practice of architecture within the meaning and intent of this act includes any professional service such as consultation, investigation, evaluation, planning, design, or responsible supervision of construction, alteration or repair in connection with any public or private structures, buildings, equipment, works or projects wherein the public welfare or the safeguarding of life, health, or property is concerned or involved, when such professional service requires the application of the principles of architecture or architectural design. No registered architect shall be engaged or interested in the sale of building materials or have any interest in any project or structure, prejudicial to his professional interest therein, **except such projects and structures as are not required by this act to be designed by a registered architect.**

The term "professional engineer" as used in this act shall mean a person who, by reason of his knowledge of mathematics, the physical sciences, and the principles of engineering, acquired by professional education and practical experience, is qualified to engage in engineering practice as hereinafter defined.

The practice of professional engineering within the meaning and intent of this act includes any professional service, such as consultation, investigation, evaluation, planning, design, or responsible supervision of construction in connection with any public or private utilities, structures, buildings, machines, equipment, processes, works, or projects, wherein the public welfare, or the safeguarding of life, health, or property is concerned or involved, when such professional service requires the application of engineering principles and data, except as hereinafter defined.

The term "land surveyor" as used in this act shall mean a person who engages in the practice of land surveying as hereinafter defined.

The practice of land surveying within the meaning and intent of this act includes surveying of areas for their correct determination and description and for conveyancing, or for the establishment or reestablishment of land boundaries and the plotting of lands and subdivisions thereof.

No person shall **publicly** use the term "architect," "professional engineer" or "land surveyor" in connection with his name unless such person is registered under the terms of this act.

The term "board" as used in this act shall mean the state board of registration for architects, professional engineers, and land surveyors, provided for by this act.

Sec. 3. There is hereby created a state board of registration for architects, professional engineers and land surveyors, which shall be vested with the administration of the provisions of this act. Said board shall consist of three architects and four professional engineers who shall be appointed by the governor for terms of seven years each, except that the members of the board first appointed hereunder shall hold office for terms of one, two, three, four, five, six and seven years, respectively, as may be designated by the governor. One member of the board shall be from the upper peninsula. Members of the board shall qualify by taking and filing the constitutional oath of office with the secretary of state, and shall hold office until the appointment and qualification of their successors. On the expiration of the term of any member, the governor shall appoint a registered architect or registered professional engineer, as the case may be, to take the place of the member whose term on said board is expiring. Each member of the board shall be a citizen of the United States and a resident of this state, and shall be a registered architect or registered professional engineer. Vacancies shall be filled for the balance of any unexpired term, in the same manner as the original appointment. The governor may remove any member of the board for misfeasance, malfeasance or nonfeasance in office, after hearing.

Sec. 4. Members of the board shall serve without compensation but shall be entitled to their actual and necessary traveling and other expenses incurred in the performance of their official duties. The board shall have power to appoint such employes and assistants as shall be necessary for the proper exercise of the powers hereby granted. Employes and assistants shall receive their actual and necessary expenses incurred in the discharge of their official duties. Compensation and expenses of all assistants and employes shall be paid from the appropriation made therefor by the legislature. The board is authorized to incur such expense as shall be required to carry out the provisions of this act, to be paid from the appropriation made therefor by the legislature.

Sec. 5. The board shall hold an organization meeting within sixty days after this act shall become effective, and thereafter shall hold at least two regular meetings each calendar year. Special meetings shall be held at such time as the rules and regulations of the board may provide. Notice of all meetings shall be given in such manner as the rules and regulations may provide. The board shall elect or appoint annually a chairman, a vice-chairman, and a secretary who need not be a member of the board. Four members shall constitute a quorum for the transaction of business.

Sec. 6. The board shall have power to promulgate rules and regulations, not inconsistent with the constitution and laws of this state, which may be reasonably necessary for the proper performance of its duties, including methods of procedure in proceedings before the board. The board shall adopt an official seal.

Sec. 7. Any member of the board may issue a subpoena requiring any person to appear before the board and be examined with reference to any matter within the scope of the inquiry or investigation being conducted by the board and to produce any books, papers or documents. Any member of the board, or its authorized agent, may administer an oath to a witness in any matter before the board. In case of disobedience of a subpoena the board may invoke the aid of any circuit court of the state of Michigan in requiring the attendance and testimony of witnesses and the producing of books, papers and documents. Any of the circuit courts of the state within the jurisdiction of which any such inquiry is carried on, may, in case of contumacy or refusal to obey a subpoena, issue an order requiring such person to appear before said board and produce books, papers and documents if so ordered and give evidence touching the matter in question. Any failure to obey such order of the court may be punished by said court as a contempt thereof.

Sec. 8. All fees received under the provisions of this act shall be forwarded monthly to the state treasury and deposited therein in a special segregated fund, to be available for the purpose of this act. The expenses of carrying out the provisions of this act shall not exceed in any fiscal year the amount received from fees under the provisions of this act.

Sec. 9. The secretary of the board shall have charge of the offices of the board and of its records and shall perform the duties usually appertaining to such office; he shall give a surety bond, running to the people of the state of Michigan, in such sum as the board shall determine. The premium on said bond shall be considered a necessary expense of the administration of the provisions of this act.

Sec. 10. The board shall keep a record of its proceedings and a register of all applications for registration, which register shall show (a) the name, age, and residence of each applicant; (b) the date of the application; (c) the place of business of such applicant; (d) his educational and other qualifications; (e) whether or not an examination was required; (f) whether the applicant was rejected; (g) whether a certificate of registration was granted; (h) the date of the action of the board; and (i) such other information as may be deemed necessary by the board.

The records of the board shall be prima facie evidence of the proceedings of the board set forth therein, and a transcript thereof, duly certified by the secretary of the board under seal, shall be admissible in evidence with the same force and effect as if the original were produced.

On or before the fifteenth day of January, in each odd numbered year, the board shall make a report to the governor and to the legislature, setting forth the workings of said board during the period covered by said report, and containing the findings and recommendations of said board.

Sec. 11. A roster showing the names and business addresses of all registered architects and all registered professional engineers and all registered land surveyors shall be prepared by the secretary of the board during the month of February of each year, commencing in the year following the date on which this law becomes effective. Copies of this roster shall be placed on file with the secretary of state, and furnished to the public upon request.

Sec. 12. An applicant for examination for registration must be a citizen of this state except as provided in section twenty; must be of good moral character and over twenty-one years of age; must, except as provided hereafter in this section, have had not less than eight years of practical experience in architectural or engineering work, or land surveying, under the direction or supervision of a registered architect or a registered engineer or a registered land surveyor, or of an architect or engineer or surveyor of equivalent professional standing, or must be a graduate in architecture or engineering of a college or school acceptable to the board, and have had not less than four years of experience of a nature satisfactory to the board: Provided, That the satisfactory completion of each year of a course in architecture or engineering with or without graduation in a school or college acceptable to the board shall be considered as equivalent to a year of satisfactory experience and that graduation in a four year course other than architectural or engineering in a school or college acceptable to the board shall be considered as equivalent to two years of satisfactory experience: Provided, That credit for an additional year of experience shall be given to applicants with a master's degree in architecture or engineering: And provided further, That no applicant shall receive credit for more than five years of experience because of educational qualifications.

An applicant upon payment of the fees required under this act shall be granted an examination in such appropriate subjects as the board may require.

The board shall at least once annually hold examinations in the separate scholastic items of its requirements and any applicant who has completed four years of study, or equivalent thereof, in a professional school or college acceptable to the board or who has completed four years of practical experience of a nature satisfactory to the board and who has paid his initial fee of fifteen dollars, as provided in section thirteen, shall be permitted to take such examination, and satisfactory records in such examinations shall receive the same credit as if gained at the time of completion of the full requirements of registration.

After this act shall have been in effect five years the board shall issue certificates of registration only to those applicants who meet the foregoing requirements of this section.

Any person having the necessary qualifications prescribed in this act to entitle him to registration shall be eligible for such registration though he may not be practicing his profession at the time of making his application.

All registrations as architects, professional engineers or land surveyors under the laws of this state and legally in force at the time this act becomes effective shall continue in force until they legally expire under the provisions of the act which authorized them. All persons previously registered as architects, professional engineers or land surveyors in this state and whose registration is legally in force at the time this act becomes effective may renew their registrations as provided for renewals under this act.

Sec. 13. Applications for registrations shall be on forms prescribed and furnished by the board, shall contain statements made under oath, showing the applicant's education and detailed summary of his technical work, and shall contain not less than five references, of whom three or more shall be architects or professional engineers or land surveyors having personal knowledge of his architectural or engineering or land surveying experience.

The registration fee for architects and professional engineers shall be twenty-five dollars, fifteen dollars of which shall accompany application, the remaining ten dollars to be paid upon issuance of certificate. When a certificate of qualification issued by the national council of architectural registration boards or the national bureau of engineering registration is accepted as evidence of qualification, the total fee for registration as architect or professional engineer shall be **TWENTY-FIVE** dollars.

The registration fee for land surveyors shall be

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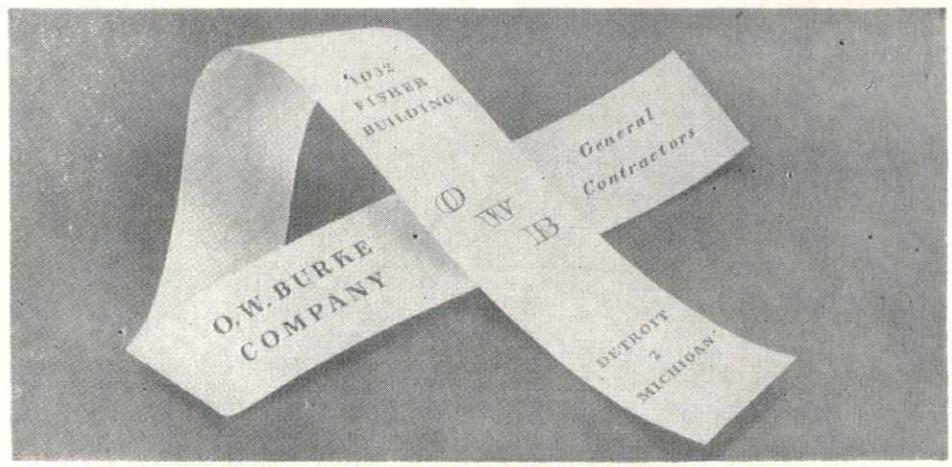


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fifteen dollars, which shall accompany application.

Should the board deny the issuance of a certificate of registration to any applicant, the initial fee deposited shall be retained as an application fee.

Sec. 14. When examinations are required, they shall be held at such time and place as the board shall determine. The scope of the examinations and the methods of procedure shall be prescribed by the board with special reference to the applicant's ability to design and supervise architectural and engineering works, which shall insure the safety of life, health, and property. Examinations shall be given for the purpose of determining the qualifications of applicants for registration separately in architecture, in professional engineering, and in land surveying. A candidate failing on examination may apply for re-examination at the expiration of six months and shall be re-examined without payment of additional fee. Subsequent re-examination shall be granted upon payment of a fee of five dollars.

Sec. 15. The board shall issue a certificate of registration upon payment of registration fees as provided for in this act, to any applicant who, in the opinion of the board, has satisfactorily met all the requirements of this act. In case of a registered architect, the certificate shall authorize the practice of "architecture," in the case of a registered engineer, the certificate shall authorize the practice of "professional engineering," and in the case of a registered land surveyor, the certificate shall authorize the practice of "land surveying." Certificates of registration shall show the full name of the registrant, shall have a serial number, and shall be signed by the chairman and the secretary of the board under seal of the board.

The issuance of a certificate of registration by this board shall be evidence that the person named therein is entitld to all the rights and privileges of a registered architect, a registered professional engineer, or of a registered land surveyor, while the said certificate remains unrevoked or unexpired.

Each registrant hereunder, who is required to file plans, specifications, and reports with public authorities, shall upon registration obtain a seal of the design authorized by the board, bearing the registrant's name and the legend, "registered architect," registered professional engineer," or "registered land surveyor." Plans, specifications, plats, and reports issued by a registrant shall be stamped with the said seal when filed with public authorities, during the life of the registrant's certificate, but it shall be unlawful for any one to stamp or seal any documents with said seal after the certificate of the registrant named thereon has expired or has been revoked, unless said certificate shall have been renewed or re-issued.

Sec. 16. Certificates of registration shall expire three years after date of issuance. It shall be the duty of the secretary of the board to notify every person registered under this act, of the date of the expiration of his certificate and the amount of the fee that shall be required for its renewal for three years. Such notice shall be mailed to the latest address on file with the secretary of the board at least one month in advance of the date of the expiration of said certificate. Renewal may be effected at any time within one month after the date of expiration of said certificate by the payment of a fee of ten dollars accompanying an application by the registrant upon a form to be provided by the board: Provided, That the information contained therein and as may be otherwise obtained shall satisfy the board that the registrant is competent and qualified under this act to continue the practice of his profession. The failure on the part of the registrant to renew his certificate within one month after the date required by the rules of the board, as provided above, shall not deprive such person of the rights of renewal, but the fee to be paid for the renewal of a certificate at any time after one month subsquent to the date of expiration of said certificate shall be increased ten per cent for each month or fraction of a month that payment of renewal is delayed: Provided, however, That the maximum fee for delayed renewal shall not exceed twice the normal renewal fee.

Sec. 17. An architectural or an engineering or a land surveying firm, or a co-partnership, or a corporation, or a joint stock association may engage in the practice of architecture, professional engineering, or land surveying in this state: Provided, That all partners, officers, and directors of such organizations shall be registered architects, registered professional engineers, or registered land surveyors.

Sec. 18. Upon this law becoming effective, it shall be unlawful for this state, or for any of its political subdivisions, or any county, city, town, township, village or school district to engage in the construction of any public work involving architecture or professional engineering, unless the plans and specifications and estimates have been prepared by, and the construction executed under the direct supervision of, a registered architect or a registered professional engineer, and unless any survey of the land on which any such public work has been or is to be constructed shall be made under the supervision of a registered land surveyor: Provided, That nothing in this section shall be held to apply to any public work wherein the contemplated expenditure for the completed project does not exceed two thousand dollars.

Sec. 19. The following persons shall be exempt from the provisions of this act, to wit:

(a) A person not a resident of and having no established place of business in this state, practicing or offering to practice herein the profession of architecture, engineering, or land surveying, when such practice does not exceed in the aggregate more than sixty days in any calendar year: Provided, Such person is legally qualified by registration to practice the said profession in his own state or country in which the requirements and qualifications for obtaining a certificate of registration are not lower than those specified in this act: And provided further, That the state or county of which he is a resident grants equivalent reciprocal privileges to registered architects, registered professional engineers, and registered land surveyors of this state.

(b) A person not a resident of and having no established place of business in this state, or who has recently become a resident of this state, practicing or offering to practice herein for more than sixty days in any calendar year the profession of architecture, engineering, or land surveying, if he shall have filed with the board an application for a certificate of registration and shall have paid the fee required by this act. Such exemption shall continue only for such time as the board requires for the consideration of the application for registration: Provided, That such a person is legally qualified to practice said profession in his own state or country in which the requirements and qualifications for obtaining a certificate of registration are not lower than those specified in this act: Provided further, That the state or country of which he is a resident grants equivalent reciprocal privileges to registered architects, registered professional engineers, and registered land surveyors of this state.

(c) Officers and employes of the United States of America or any agency or instrumentality thereof while engaged within this state in the practice of the profession of architecture, engineering, or land surveying for the United States of America, or any agency or instrumentality thereof.

(d) Architects, engineers, or surveyors employed by a railroad or other interstate corporation whose employment and practice is confined to the property of such corporation.

**(E) DESIGNERS OF MANUFACTURED PRODUCTS FOR THE QUALITY OF WHICH THE MANUFACTURER THEREOF ASSUMES RESPONSIBILITY.**

Nothing in this act shall require an employe or subordinate of a person holding a certificate of registration under this act or an employe of a person exempted from registration by classes (a) and (b) of this section to be registered as required by this act: Provided, His work does not include responsible charge of design or supervision.

**NOTHING IN THIS ACT SHALL BE CONSTRUED AS REQUIRING SUPERVISION BY AN ARCHITECT OR PROFESSIONAL ENGINEER ON PRIVATE SINGLE RESIDENCES FOR WHICH HE HAS RENDERED OTHER PROFESSIONAL SERVICES AS HEREIN DEFINED.**

Nothing in this act shall prevent any owner from doing any of the architectural, engineering, or surveying work mentioned herein upon or in connection with the construction of buildings on his own property for his own use, nor be construed as preventing a person not registered under this act from planning, designing or supervising the construction of residence buildings **NOT EXCEEDING 2,500 SQUARE FEET PER BUILDING IN "CALCULATED FLOOR AREA."**

**FOR THE PURPOSE OF THIS ACT "CALCULATED FLOOR AREA" SHALL MEAN THAT PORTION OF THE TOTAL GROSS FLOOR AREA, MEASURED TO THE OUTSIDE SURFACE OF EXTERIOR WALLS THAT IS INTENDED TO BECOME HABITABLE, INCLUDING HEATER AND OR UTILITY ROOMS. FOR THE PURPOSE OF DETERMINING THE "CALCULATED FLOOR AREA" THE FOLLOWING SPACES WILL NOT BE CONSIDERED: (A) CRAWL SPACE, (B) UNFINISHED AND NON-HABITABLE PORTIONS OF BASEMENTS AND ATTICS, (C) GARAGES, (D) OPEN PORCHES, BALCONIES AND TERRACES.**

Sec. 20. The board may, upon application therefor, and the payment of a fee of ten dollars, issue a certificate of registration as an architect, a professional engineer or land surveyor to any person who holds a certificate of qualification or registration issued to him by proper authority of the national council of state boards of engineering examiners, or of the national council of architectural registration, or of the national bureau of engineering registration, or of any state or territory or possession of the United States or any country: Provided, That the requirements for the registration of architects, professional engineers or land surveyors under which said certificate of qualification or registration was issued do not conflict with the provisions of this act and are of a standard not lower than that specified in section twelve of this act: Provided further, That equal reciprocal privileges are granted to registrants of this state.

Sec. 21. The board shall have the power to revoke the certificate of registration of any registrant who is found guilty of:

(a) The practice of any fraud or deceit in obtaining a certificate of registration;

(b) Any gross negligence, incompetency, or misconduct in the practice of architecture, professional engineering or land surveying as a registered architect, a registered professional engineer, or registered land surveyor.

Any person may prefer charges of fraud, deceit, gross negligence, incompetency, or misconduct against any registrant. Such charges shall be in writing, and shall be sworn to by the person making them and shall be filed with the secretary of the board.

All charges, unless dismissed by the board as unfounded or trivial, shall be heard by the board within three months after the date on which they shall have been preferred.

The time and place for said hearing shall be fixed by the board, and a copy of the charges, together with a notice of the time and place of hearing, shall be personally served on or mailed by registered mail with return receipt requested to the last known address of such registrant, at least thirty days before the date fixed for the hearing. At any hearing, the accused registrant shall have the right to appear personally and by counsel, to cross-examine witnesses appearing against him, and to produce evidence and witnesses in his own defense.

If, after such hearing, four or more members of the board vote in favor of finding a violation of the provisions of this act, the board shall revoke the certificate of registration of such registered architect, registered professional engineer, or registered land surveyor.

The board, for reasons it may deem sufficient, may re-issue a certificate of registration to any person whose certificate has been revoked: Provided, Five or more members of the board vote in favor of such re-issuance.

A new certificate of registration, to replace any certificate revoked, lost, destroyed, or mutilated, may be issued, subject to the rules of the board, and a charge of five dollars shall be made for such issuance.

Sec. 22. Any person who, after this act becomes effective, shall practice, or offer to practice, the profession of architecture, the profession of engineering or land surveying in this state without being registered or exempted in accordance with the provisions of this act, or any person presenting or attempting to use as his own the certificate of registration or the seal of another, or any person who shall give any false or forged evidence of any kind to the board or to any member thereof in obtaining a certificate of registration, or any person who shall falsely impersonate any other registrant of like or different name, or any person who shall attempt to use an expired or revoked certificate of registration, or any person who shall violate any of the provisions of this act, shall be guilty of a misdemeanor, and shall, upon conviction, be sentenced to pay a fine of not less than one hundred dollars, nor more than five hundred dollars, or imprisonment for a period not exceeding ninety days, or both.

It shall be the duty of all law enforcing officers of this state to enforce the provisions of this act. It shall be the duty of the several prosecuting attorneys and the attorney general of the state to prosecute any person violating any of the provisions of this act.

After this act becomes effective it shall be unlawful for any public official of this state or any political subdivision thereof to accept as a public record or for filing as public record a plan, specification, report or land survey which does not bear the seal of a registered architect, registered professional engineer or registered land surveyor as required by this act, except for public works costing less than two thousand dollars or residential buildings **CONTAINING NOT MORE THAN 2,500 SQUARE FEET OF CALCULATED FLOOR AREA AS DEFINED HEREIN.**

Sec. 23. This act shall not be construed to affect or prevent the practice of any other legally recognized profession.

Sec. 24. Should any provision or section of this act be held to be invalid for any reason, such holding shall not be construed as affecting the validity of any remaining portion of such section or of this act, it being the legislative intent that this act shall stand, notwithstanding the invalidity of any such provision or section.

Sec. 25. The board of state auditors shall furnish suitable quarters for the operations of this board.

Sec. 26. This act shall become effective as of January one, nineteen hundred thirty-eight.

Sec. 27. Act number three hundred thirty-four of the public acts of nineteen hundred nineteen, being section eight thousand six hundred sixty-eight to eight thousand six hundred ninety, inclusive, of the compiled laws of nineteen hundred twenty-nine, and all other acts or parts of acts inconsistent with the provisions of this act are hereby repealed.

This act is ordered to take immediate effect.

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**10 Large Firms Split Up Business:**

# Billion in Construction On Drawing Boards Here

By PAT DENNIS

Close to a billion dollars is the volume planning on drawing boards in 10 large architectural and engineering offices in Detroit.

It is pointed out there is anywhere from six months to a year's lag between planning stage and actual construction.

Leaders among these firms feel recent developments at the national level have altered greatly the construction controls' outlook toward an improved overall picture. A spokesman explains:

**"The National Production Authority order permitting work to be started on all religious, community and municipal projects for which applications are on file, but which previously had been deferred, is the result of the improved supply of steel.**

**"This ruling will permit excavations and preliminary work to go ahead on such structures, though the steel, copper and aluminum will not be available until the third quarter."**

### Volume Greater

The volume of work reported by these offices is greater than at this time a year ago . . . the overall increase amounting to some 30 per cent.

Giffels & Vallet, Inc.; L. Rossetti, Associate, Engineers and Architects, with $440,000,000, report that about $105,000,000 is in the Detroit area.

Harley, Ellington & Day, Inc., is about on an even keel with last year, as far as volume is concerned. That was $60,000,000.

Fairly evenly divided also is their work as to defense and civilian projects. Slightly more of their work is in the Detroit area than outside.

### Convention Hall Work

One of their sizable projects is the remodeling and additions to the Convention Hall at Woodward and Canfield for the occupancy of the James Vernor Co., whose present building on lower Woodward will give way to Detroit's new Civic Center.

Listed by Leinweber, Yamasaki & Helmuth are the following:

| | |
|---|---|
| Dodge Tank Automotive Engineering Center (Special (on-architects)) | $ 9,000,000 |
| Public housing work (Architects) | 2,000,000 |
| Schools | 12,500,000 |
| Military personnel record center | 12,000,000 |
| Airport Terminal Building | 18,000,000 |
| Miscellaneous commercial buildings | 1,000,000 |
| | 400,000 |
| | $153,100,000 |

The work of this firm is divided between its local office and its office in St. Louis, Mo.

### 90% in Detroit Area

Eberle M. Smith Associates, Inc., Architects and Engineers, has a total volume of commissions amounting to more than $12,000,000. Most of this is school buildings and about 90 per cent is in the Detroit area.

Cornelius L. T. Gabler reports commercial, industrial and public work amounting to $6,100,000, chief among which are two large laboratories for the new campus of the University of Michigan. Eero Saarinen and Associates are consulting architects for the campus layout.

William Edward Kapp has a multi-million-dollar program of projects for Detroit, Flint and Rochester, Mich.

### Shopping Centers

Victor D. Gruen continues in the development of plans for the three huge shopping centers for J. L. Hudson Co., with the fourth—Southland—in the sketch stage. Estimated costs total $60,000,000.

(Continued on Page Four)

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Detroit Times
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MAR 30 1952

# Local Muralist In N. Y. Finals

Marvin Beerbohm of Farmington is one of the 10 finalists in the nation-wide gold medal competition sponsored by the Architectural League of New York for new murals in American buildings.

Two murals by him were recommended by the Michigan Society of Architects.

One depicting Isaiah's Prophecy of Peace adorns the new Jewish War Veterans Memorial in Detroit and another, a massive creation telling the story of "Electricity — Mastered and Serving," occupies the entrance and lobby walls of the Harlan Electric Co. of Detroit.

Final winners of the prized awards will be announced during the convention of the American Institute of Architects at the Waldorf Astoria Hotel in New York City June 23 to 27.

### Associate Membership

Raymond C. Perkins, secretary of the Detroit Chapter, the American Institute of Architects, announces chapter approval of the application for association membership of Harold Binder of the offices of Albert Kahn Associated Architects and Engineers, Inc.

Binder, in collaboration with Gordon A. Shelli, AIA, also of the Kahn office, won first prize in the recent small house competition conducted by the Michigan Society of Architects.

A native of Boston, Mass., Binder was educated there and received his AB degree from Harvard University in 1948, his bachelor of architecture degree from Harvard Graduate School of Design in 1951. After employment in the offices of Boston architects, he was engaged by the Kahn organization as architectural designer in 1951.

### Revamp Printed Matter

*Alexander Gerard, AIA, who has been appointed by Eero Saarinen, president of the Detroit Chapter, AIA, to revamp the chapter's printed matter, recommends the project be extended to include the two others chapters of the Institute in Michigan — The Western Michigan and Saginaw Valley . . . and the Michigan Society of Architects.*

*Gerard has recommended job signs for architects to place on their own construction projects, which would uniform throughout the country. The Pasadena Chapter, AIA, has adopted such a sign which has been approved by several other chapters.*

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*Along Realty Row:*

# Ypsilanti Architect To Address Institute

With PAT DENNIS

Ralph S. Gerganoff, AIA, Ypsilanti architect, will speak at a meeting of the Detroit Chapter of the American Institute of Architects in the Rackham Educational Memorial Building, 100 Farnsworth, at 8 p. m. Wednesday, Eero Saarinen, chapter president, announces.

Gerganoff will show colored motion pictures he made on his flight around the world last fall. It is said his pictures . . . taken during a 65-day trip . . . are interesting because he captured the human side of life in the various cities. One who has seen these pictures adds:

**"An unusual series shows life in the Far East, including river pictures of the Ganges revealing the importance the Hindus attach to their religious rites."**

The itinerary also included European countries, historic Pompeii and Mount Vesuvius, the volcano which ruined it 2,500 years ago. On his return trip, Gerganoff visited Egypt and India, including the beautiful and historic structure, Taj Mahal in New Delhi. Talmage C. Hughes, AIA chapter executive secretary, states:

**"Architect Gerganoff, who has made a hobby of photography, has prepared an interesting talk to accompany the showing of his movies. The program has been presented to some 48 groups thus far."**

The lecture will be preceded by a dinner meeting of the Chapter members and guests. Both dinner and talk will be open to the public, including women. The lecture will be free, dinner is $2.50. The program will be in the small auditorium at the Rackham Bldg.

R. S. GERGANOFF

*keep pace, but remained in the same lower range (below 1,000 monthly) they have been in thus far in 1952. The March total was 2,789. It compared with 2,775 in March, 1951.*

### Along Realty Row

Clair W. Ditchy, Fellow of the American Institute of Architecture of Royal Oak and Detroit, spoke at the annual career meeting sponsored by the Ferndale-Pleasant Ridge Parent-Teachers Association in Lincoln High School, Pleasant Ridge. Purpose of the event was to acquaint parents and pupils as to the various professions with the view toward selecting them for careers.

Ditchy, national secretary of AIA, also will be a speaker at the annual convention of the Building Officials Conference of America, May 12, at Hotel Statler, here. His topic will be "The Architect's Point of View."

Another speaker on the same program will be Frank Burton of Detroit, second president of BOCA. He will discuss "Local Building Codes vs. Federal Controls."

### Fears Architect Shortage

Wells I. Bennett, Fellow of the American Institute of Architects and dean of the College of Architecture and Design, University of Michigan, predicts a shortage of architects by 1960. For the last 60 years, the number of architects reported by the U. S. Bureau of the Census has varied little from 33 per 100,000 urban population, he points out.

With urban population increasing rapidly, and with the increased use of architects for all types of projects, Bennett believes the demand for architects can be met only by maintaining architectural enrollments at the present high level. The total enrollment in 87 schools of architecture is now 10,700 . . . about a 1,000 less than a year ago, he concluded.

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### Examination Date Set

Wells I. Bennett, FAIA, chairman of the Michigan State Board of Registration for Architects, Professional Engineers and Land Surveyors, announces its next examination will be held June 11-14, at Detroit, Houghton, Bay City, Grand Rapids, Jackson, Ann Arbor and East Lansing. He added:

**"Not all will be all of the classifications, such as architecture, professional engineering, land surveying, as well as engineers in training. Part Three of the architectural test covering the design problem will be held only in Detroit and Houghton. All other parts may be taken at any of the seven locations."**

Applications for the examinations must be filed with the board office, suite 705 Cadillac Square Bldg., in Detroit not later than May 1, 1952, and must be accompanied by a filing fee of $15 as well as transcripts of credits showing the applicant's degrees.

*Along Realty Row - - - With Pat Dennis:*

# PLANS COMPLETED FOR BOCA CONVENTION HERE

## May 12-15 Dates of 37th Meeting

Joseph P. Wolff, commissioner Department of Buildings and Safety Engineering, City of Detroit, announces completion of the program for the 37th annual convention of the Building Officials Conference of America to be held at Hotel Statler here, May 12 through 15.

Wolff is president of the conference.

L. Glen Shields, chief of the Bureau of Plumbing Inspection, Detroit, is general chairman of the convention committee. Among the speakers and their subjects are the following:

Prof. Spencer Parratt of Syracuse University, "Local Aspects of Building Department Administration"; Frank Burton, past president of BOCA and member of the Detroit Board of Zoning Appeals, "Local Building Regulations vs. Federal Controls"; George N. Thompson, National Bureau of Standards, U. S. Department of Commerce, "Promulgation and Adoption of Building Codes."

Ralph Britton, conservation engineer, U. S. Department of Commerce, "Proper Selection of Design Loads"; Clair W. Ditchy, Detroit, Fellow of the American Institute of Architects and its national secretary, "The Architects Point of View."

### Additional Speakers

George F. Emery, director of the city plan commission, Detroit, "Zoning and the Building Officials"; Leonard Haeger, director, technical service and research department, the National Association of Home Builders, "Building Regulations and the Home Builder"; Prof. William Housel, University of Michigan, "Foundation and Soil Mechanics," and Shields, "Plumbing Codes, Their Basis and Development."

Special events are being planned for the ladies.

W. E. Stirton, assistant to the president of Wayne University, will be the speaker at the May 14 banquet.

Thursday morning, May 15, will be given over to unfinished business and reports of the resolutions and nominating committees.

Detroit Times Photo

**L. Glen Shields, chief of the bureau of plumbing inspection here and general chairman o. the convention committee for the 37th annual meeting of the Building Officials Conference of America to be held at Hotel Statler, Detroit, May 12 through 15, and Joseph P. Wolff, commissioner, department of buildings and safety engineer of Detroit, and president of BOCA, pore over plans.**

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# Fine Arts Medal Award To Marshall Fredericks

Marshall Fredericks, Birmingham sculptor, will receive the Fine Arts Medal of the American Institute of Architects at its 84th annual convention at the Waldorf-Astoria Hotel in New York June 24-27.

Recently he was honored with an exhibition of his work in relation to contemporary architecture, in the galleries of the Institute in Washington, D. C.

Fredericks has been engaged recently in the development of the Cleveland War Memorial Fountain, sculpture for Ohio State University, and for the Fort street Union Depot in Detroit.

Some of his other recent work includes a war memorial at the University of Michigan.

Fredericks, 43, was educated in this country and in Germany, France, Sweden, Great Britain and Italy.

He has received numerous scholarships and fellowships.

For nine years he taught at Cranbrook Academy of Art with the distinguished sculptor, Carl Milles.

Fredericks has received many awards in competitions and from governmental agencies. He is a frequent exhibitor and prolific sculptor and his work stands in scores of museums and private collections.

Much of it has been done for industrial and commercial concerns.

Modern architecture is showing an increasing tendecy toward the use of contemporary sculpture, and Fredericks is said to have achieved surprising success in this field.

WALL PANEL

**William H. Polk of the F elaborating upon his talk, "I Panel Construction," which was Chapter of the Producers' Coun Miller, a Pittsburgh Plate Glas**

William H. Polk, of the Pittsburg Corning Corp., told 250 architects, engineers and contractors of recent developments in what is known as "sandwich" wall panel construction at a Fort Shelby Hotel meeting of the Michigan Chapter of the Producers' Council, Inc.

Designs in which cellular glass insulation is the "meat" in between two "slices" of concrete were discussed, and their uses in industrial, commercial, institutional and residential structures were explained. He said:

**"Building industry observers are noticing a tremendous swing in this type of construction. Applications of the principles of sandwich construction now are appearing in the residential field as well as in industrial and commercial buildings.**

**"So far, school architects have not used this method, but it will not be long before some enterprising one will try it."**

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### Back From Europe

Eero Saarinen, AIA and president of the Detroit Chapter of American Institute of Architects, has just returned from Europe again where he met with the architectural commission on the new UNESCO building to be constructed in Paris, France.

Saarinen, who is American consultant on the project, went to Paris about a month ago for the organization meeting of the group. His recent visit was for the purpose of considering the first sketches of the building which is to be erected in Paris directly opposite the Ecole Militaire.

### Explore Course

Do Wayne University has invited architects and members of the various groups in the building industry to explore the possibilities of presenting a course in building reconstruction there.

The course, which would be for 16 two-hour evening sessions, has a potential of some 100 students interested in the several phases of building, including architecture, construction, real estate, mortgages and accounting.

C. C. Footlick, certified public accountant, is organizing the study group to implement the course.

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# Sees Houses Sold by Pound

If our people are to be housed properly, that housing will have to be produced on a production line, and the pound will become the yardstick.

So declared R. Buckminster Fuller, noted architect and inventor, at the closing event of the Metropolitan Art Association's series of lectures at the Detroit Institute of Arts. Currently he is on the faculty of the Massachusetts Institute of Technology.

MR. FULLER

After being introduced by W. Hawkins Ferry, association president, the speaker discussed "Energetic Geometry," an exploration in which he has been engaged since 1927. He declared:

**"Future design will be based upon metals of specific alloys made for the particular purpose intended."**

Fuller's newest house design is of aluminum, stainless steel and plastics instead of bricks and lumber; its weight about three tons, instead of the usual hundred. It hangs rather than sits.

Detroit Times Photo

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# Billion Dollars in Construction On Drawing Boards Here

(Continued from Page One)

Amedeo Leone, vice president of Smith, Hinchman & Grylls, Inc., states that, while copper and aluminum still are scarce and so are large structural shapes, heavy plates and certain bars, reports from fabricators indicate they have more than enough materials in their plants to meet all priority orders. He says they are urging NPA to boost allotments to civilian users in the second quarter to take up the slack brought about when the tremendous volume of allotments on paper did not materialize as actual orders.

### Gigantic Projects

The S., H. & G. firm, together with Albert Kahn Associated Architects and Engineers, Inc., and H. E. Beyster Associates, Inc. are engaged in gigantic projects, both for defense and civilian use, predominantly of a nature which can not be revealed. A spokesman adds:

**"The relaxation of controls might have come somewhat sooner if the construction industry had been organized better and able to present a clearer picture of its needs and problems to the Defense Production Administration.**

**"The easing of military demands has been the most important factor in releasing scarce materials for civilian use, but insufficient information about the industry as a whole and the lack of a clearly defined responsibility for handling construction problems in the DPA have led to confusion and conflicting reports about the availability of critical materials.**

**"There is the nucleus of such an industry-wide organization in the Construction Industry Advisory Council, established by the U. S. Chamber of Commerce.**

**"Perhaps this group, which is made up of representatives from 106 national trade and professional associations, can become the rallying point for a national organization of the industry."**

# FHA Credit Examiner EDRA Guest Tuesday

Keith E. LaBumbard, a credit examiner of FHA, will speak on "Points in Credit Analysis" at the Eastern Detroit Realty Association Tuesday luncheon meeting in Northeastern YMCA, Ed Blum, program chairman, announces.

A question and answer period will follow.

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# Inspection Service For Roofs Arranged

John C. Thornton, chairman of the committee on relations with the construction industry, Detroit Chapter, The American Institute of Architects, has reported to the chapter board his committee has developed a plan to give architects and owners an inspection service for roofing that will assure specifications being carried out.

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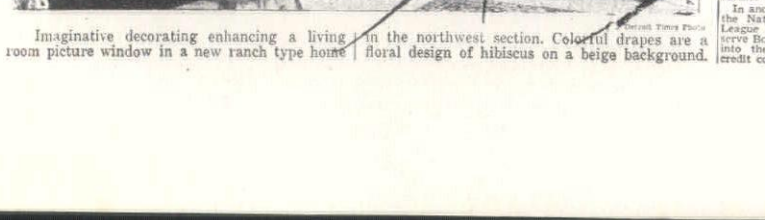
### Associate Member

L. Robert Blakeslee, director of Detroit Chapter, The American Institute of Architects, announces the election to associate membership in the Chapter of Mrs. Katherine C. Foltus of 16241 Bayla.

Mrs. Foltus, a native of Breckenridge, Mich., received her architectural education at Lawrence Institute of Technology, where she was a member of the AIA student chapter. She has been employed by Clark R. Ackley, AIA, of Lansing.



Detroit Times Photo

**The pattern of red and blue camelia is also on the twin beds, the chest of drawers.**

**Imaginative decorating enhancing a living room picture window in a new ranch type home in the northwest section. Colorful drapes are a floral design of hibiscus on a beige background.**

Speakers, Topic Are Announced

The Run lave Any Fun

ISM, RITIS PAINS

Garden

times 1952 Part 4

TO FIX-IT IZATION AVIATION

House

vernment

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### Project Pushed

The threat of a nationwide steel strike almost upset the government's plans for easing controls on construction and output of automobiles and hundreds of household and consumer metal products.

Now that the strike is off, National Production Authority officials are resuming a complete review of the construction controls situation with the emphasis on further relaxation.

In another related development, the National Savings and Loan League reports the Federal Reserve Board is stepping up studies into the effects of real estate credit controls on the economy.

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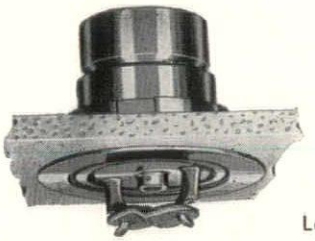

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House & Garden
Detroit Times
Page 1 Sunday, March 30, 1952 Part 4

HOUSE PLANS—HOW TO FIX-IT
HOME MODERNIZATION
FINANCE

Pontiac, Mich. Press 2/21/52

## Housing Authority to Talk

Catherine Bauer, housing and planning authority of Berkeley, Calif., will be speaker at the meeting of Detroit chapter of American Institute of Architects in Detroit's Rackham Memorial building tonight at 8, according to Leo J. Heenan, Pontiac member of A.I.A. The lecture is free.

LIVING ROOM D

C DETROIT SUNDAY TIMES
April 6, 1952—Part 4, Page 9

## Art Association To Hear Fuller

R. Buckminster Fuller, noted architect and inventor, who has many titles but prefers to be called "comprehensive designer," will address the Metropolitan Art Association in the auditorium at The Detroit Institute of Arts at 8 p. m. Wednesday, W. Hawkins Ferry, association president, announces.

Fuller, designer of the "Dymaxion" house, sees "comprehensive design" as the solution to the greatest problem man ever has faced—the overpopulation of the world, resulting in a lowered standard of living for most of the inhabitants.

He maintains that at present the world's industrial production is preoccupied in the service of only one quarter of the world's population, though 100 per cent either directly or indirectly are engaged in procurement, production and transportation.

He discusses the surprise factors developing in technical trends of the building arts, with special reference to recent successful research toward amplifying per-

(Continued from page 4, column 1)

Detroit Times
Detroit, Mich.

## Architect Institute Admits 2 Members

Eero Saarinen, president of the Detroit Chapter, the American Institute of Architects, announces the Chapter Board has approved applications for membership in the Institute of Kiyoshi Mano and Berj Tashjian.

Mano, a native of California, received architectural degrees from the University of California and Washington University in St. Louis.

He received his master's degree from Cranbrook Academy of Art, for which he had been awarded a scholarship. He had been employed in the offices of Saarinen, Swanson & Saarinen, and Louis G. Redstone, is now with O'Dell, Hewlett & Luckenbach, architects.

## Architects' Meeting Is Set for April 15

The board of directors of the Michigan Society of Architects will meet in Grand Rapids April 15.

Klingman's Furniture Store in Grand Rapids will exhibit the 52 small house designs, featured at the recent MSA convention at Hotel Statler in Detroit, the week of April 14-19, after their showing at the College of Architecture and Design, University of Michigan, Ann Arbor.

The store will be hosts to the Boards of the Society and the Western Michigan Chapter, the American Institute of Architects, at a preview of the exhibition on the evening of April 15.

[illegible] themselves to tasteful, con[illegible] prices while reducing costs, [illegible] lecture will be illustrated with co[illegible] slides.

[illegible]mission will be by season [illegible], or $1 for single admission [illegible]

Detroit News
Detroit, Mich.

## Architects Honor Murals

DETROITER Marvin Beerbohm is one of 10 finalists in the Gold Medal Exhibition for mural painting sponsored by the Architectural League of New York.

Beerbohm's murals in the Jewish War Veterans Memorial Building and in the Harlan Electric Company offices on Milwaukee were entered by the Michigan Society of Architects.

MSA president Leo Bauer said: "We selected these murals because they belong to new architectural developments in civic and industrial buildings. Beerbohm's technic is good, his imagination great and his color sense excellent."

The War Memorial murals depict Isaiah's prophecies.

The Harlan mural in two sections is "Electricity Mastered and Serving."

The gold medal exhibition will be on at New York's Architectural League through April 4.

Sec. C—Sunday, March 30, '52 DETROIT FREE PRESS

THIS PRELIMINARY sketch shows the proposed civic center for the Village of Inkster to be located along South River Drive, a half block off the northeast corner of Michigan and Inkster Rd. It will include a city hall, fire station and police headquarters. T. E. Lahr Associates, Inc., of Dearborn are the architects.

## Memberships Approved

David H. Williams Jr., director of the Detroit Chapter, AIA, reports the chapter board has approved the membership applications of Dennis H. Landau, Detroit, and Thomas N. Eubank of Flint.

Landau, a native of Kansas City, Mo., received his Bachelor of Science in architecture from the University of Kansas. He now is employed by Smith, Hinchman & Grylls, Inc., of Detroit.

Eubank, a native of Texas, was graduated in architecture from Texas A. & M. College, and gained experience with the Chevrolet division of the General Motors Corp. in Flint before establishing his practice there.

Clair W. Ditchy of Detroit, Fellow of the American Institute of Architects and its national secretary, has returned from Washington, D. C., where he attended a meeting of the AIA board of directors.

He reports the institute convention

(Continued from Page Four)

to get facilities of hotels large enough to accommodate them.

The AIA 1952 convention will be at the Waldorf-Astoria Hotel in New York City, June 24-27. In 1953, the affair is slated for Seattle, Wash.; 1954 in Boston; 1955 in Minneapolis; 1956, California, and 1957, Washington, D. C. The 1957 convention will be in celebration of the institute's centennial observance.

## Fears Architect Shortage

Wells I. Bennett, Fellow of the American Institute of Architects and dean of the College of Architecture and Design, University of Michigan, predicts a shortage of architects by 1960. For the last 60 years, the number of architects reported by the U. S. Bureau of the Census has varied little from 33 per 100,000 urban population, he points out.

With urban population increasing rapidly, and with the increase in the demand for all types of projects, Bennett believes the demand for architects can be met only by maintaining architectural schools presently at a high level. The total enrollment in 87 schools of architecture is now 10,700 . . . about a 1,000 less than a year ago, he concluded.

## Revamp Printed Matter

*Alexander Girard, AIA, who has been appointed by Dave Scarpinas, president of the Detroit Chapter, AIA, to revamp the chapter's printed matter, recommends the project be extended to include the two other chapters of the institute in Michigan . . . The Western Michigan and Saginaw Valley . . . and the Michigan Society of Architects.*

*Girard has recommended job signs for architects to place at their own construction projects which would uniform throughout the country. The Pasadena Chapter, AIA, has adopted such a sign which has been approved by several other chapters.*

Detroit News

## Scholarship Date Is Set

Closing date for receiving applications for the $5,000 scholarship made possible by a gift from C. Allen Harlan, president of Harlan Electric Co. of Detroit, has been set as June 1, 1952, by the Michigan Society of Architects.

The scholarship is open to all architects, including draftsmen and students of architecture and architectural engineering in the United States, not over 35 years of age.

Members of the Michigan Society of Architects may enter without sponsorship but others must secure as sponsor a member of the society and must be recommended by a chapter of the American Institute of Architects.

Winner of the scholarship must be willing to engage in a research project of his own choosing for a period of ten months to visit and spend some time and about Detroit studying industrial work.

Applications may be obtained by writing Prof. Ralph W. Hammett, chairman, committee on education and research, care of Talmage C. Hughes, executive secretary, 120 Madison, Detroit 2.

Part 4, Page 4—March 30, 1952 C DETROIT SUNDAY TIMES

## Along Realty Row

Birmingham Eccentric
(4,635 W)

## Winners Named in Keating Home Design Contest /05

Winners were announced last week for the Howard T. Keating House competition, sponsored by the Michigan Society of Architects.

The contest was made possible by a $1,400 donation by Keating, local area real estate developer, of 22060 Thirteen Mile road, Southfield township.

From the 52 entries, three cash prizes were awarded plus twenty honorable mentions and 10 mentions.

Robert Snyder of Cranbrook Academy of Art, submitted two designs and won two mentions. Winners of the first prize of $750 were Gordon A. Sheill of Royal Oak and Harold Binder of Detroit.

All the designs are on display at the Michigan Society of Architects annual convention at Detroit Hotel Statler March 4-8, and awards will be made by Keating at the Michigan Building Industry banquet Friday evening.

Best in Western Michigan—

## Bryant School Here Wins Top Award for Architects /05

The new Bryant school here, has won for its architects the Warren S. Holmes Co. of Lansing, the grand award for outstanding design elementary school buildings in Western Michigan between 1947 and 1951. The award was announced at meeting of the Western Michigan Chapter of the American Institute of Architects in Lansing Monday night.

John Richards of Toledo, National director of the A.I.A. headed the judging committee and made the presentation to the Lansing firm. Clark Harris, formerly of Owosso, is a member of the Holmes firm.

The outstanding features noted by the judging committee were: Introduction of intermediate foyers, breaking up otherwise long corridors, good natural lighting, and isolation of community activities by folding gates.

Clean, simple exterior design. Good placement and planning of locker rooms and shop areas.

Well integrated classroom details.

The grand award was a ceramic trophy, a symbol of exposition and achievement created by Prof. Leonard Jungwirth of the Michigan State College fine arts department.

The various points which the judges listed on the Bryant building as outstanding were:

Excellent use of the property site for the building and field activities.

Beautifully organized plan

Lansing State Journal
(55,513 D)

MAR 25 1952

## Wins Grand Honor Award

This plan of the Bryant Elementary school, Owosso, won grand honor award for the Warren S. Holmes company Monday evening as Western Michigan architects held their second annual design exhibition and dinner meeting at Tarpoff's restaurant. Looking at the drawing and photograph of the school are Malcolm M. Williams, left, a partner in the Lansing firm, and John Richards, Toledo, regional director of the Great Lakes district, American Institute of Architects, who presented the ceramic grand award trophy created by Prof. Leonard Jungwirth of the Michigan State college fine arts department. (State Journal Photo)

Detroit Free Press
Detroit, Mich.

## Architects Win Awards

First prize of $750 in the Howard T. Keating competition for small house designs, sponsored by the Michigan Society of Architects, was awarded to Gordon A. Sheill, AIA, of Royal Oak, in collaboration with Harold Binder, of Albert Kahn Associated Architects.

The design submitted by Charles D. Hannan, Farmington architect, with whom Herbert C. Hawthorne, of Detroit, collaborated, was selected second. The prize amounted to $400.

Third prize of $250 went to Morris Jackson, of Smith, Hinchman & Grylls, Inc., Detroit architects and engineers.

EDWARD G. Rosella, of Detroit, and Maxwell E. Wright, of Pontiac, received honorable mentions.

Other mentions went to Robert Snyder, of Cranbrook Academy of Art; John B. Blair with William F. Smith, of Detroit Edison Co.; J. P. Dworski, Edgar Otterson and Berj Tashjian, of Detroit; Harry J. Herman, Port Huron; Douglas D. Loree, Ann Arbor, and Verne H. Sidman, Grosse Pointe.

The contest was made possible by a donation of $1,400 by Howard T. Keating, Birmingham real estate developer.

All of the designs will be displayed at the Michigan Society of Architects convention, Wednesday through Friday, in Hotel Statler.

Rochester, Mich.
Clarion
February 28, 1952

## Magazine Honors Minoru Yamasaki In Magazine

Minoru Yamasaki of Livernois road, architect, is featured in the February issue of "House Beautiful" for his living room design in his home. The December issue of "Architectural Forum" also contained a design of a house created by Mr. Yamasaki, of Japanese descent he worked in New York, designing bases for the U. S. Navy during World War II.

He and Mrs. Yamasaki came to Troy township in 1947 when he became chief designer for the architectural firm of Smith, Hinchman and Grylls, in Detroit. In this capacity he designed the Birmingham branch of the Michigan Bell Telephone Company, as well as the new Federal Reserve Bank in Detroit, which has not been completed as yet.

Born in Seattle, Mr. Yamasaki was educated at the University of Washington and the New York University. He taught night school for a year at Columbia University and now heads the firm of Leinweber, Yamasaki and Hamilton in Detroit.

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Grand River Road—Opposite State Bank Bldg.

Ypsilanti Press
(4,827 D)

MAR 21 1952

## House Drawings Being Exhibited /05

Ann Arbor, Mich.—Drawing from competition sponsored by the Michigan Society of Architects are currently on display in the exhibit corridor of the University of Michigan College of Architecture and Design, Ralph W. Hammett, professor of architecture at the University, announced.

The drawings, which will remain on exhibit until April 4, were submitted in a statewide architectural competition for the best designs of small houses. Professor Hammett, who is vice president of the Michigan Society of Architects was architectural advisor for the competition.

Purpose of the competition was to stimulate better designed houses in the medium size class and to interest more architects in recognizing their obligation to solve the problem of better planning and design of houses for present-day living.

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Farmington Enterprise
(1,741 W)

MAR 7 1952

## HANNAN AWARDED SECOND PLACE IN ARCHITECT CONTEST /05

Charles D. Hannan, Farmington architect, in collaboration with Herbert C. Hawthorne, Detroit, was awarded second prize in the Howard T. Keating House Competition, sponsored by the Michigan Society of Architects.

The awards were announced on February 23 at the Society's Headquarters in Detroit. There was a total of 52 entries in the contest, from which three cash prizes were awarded plus two honorable mentions and ten mentions. A prize of $400 was given for the second place award.

The contest was made possible through a donation of $1,400 by Howard T. Keating, Birmingham real estate developer. The jury of architects who judged the entries stated that the winner of the second place award "shows considerable repose, and good feeling of structural considerations."

All of the designs are being displayed at the Michigan Society of Architects annual convention at the Hotel Statler in Detroit March 5 and 6 and awards will be made by Keating at a banquet Friday evening, March 7.

Pontiac, Mich. Press February 16, 1952

## 54 Architects in House Contest

### Several Local Men Enter; $1,400 in Prizes Offered for Best Designs

Fifty-four architects have entered the small house competition sponsored by the Michigan Society of Architects, in which Howard T. Keating, Birmingham real estate developer, is making available $1,400 in prizes it has been announced by Leo M. Bauer, society president.

Ralph W. Hammett of Ann Arbor, society vice-president and architectural advisor to the competition, has announced that a jury of five prominent architects has been selected to judge the designs, which will be displayed at the society's 38th annual convention in Detroit March 5-8.

Serving on the jury will be Clair W. Ditchy of Detroit, secretary of the American Institute of Architects; John N. Richards, of Toledo, Great Lakes regional director of the A.I.A.; Alden B. Dow, of Midland; professor emeritus Jean Hebrard, formerly of the University of Michigan, now of Paris; Thomas H. Creighton, editor of Progressive Architecture.

Among architects who have entered the competition are Paul Brown, Edward N. Hewitt and James B. Hughes of Birmingham; Neil E. Warren, Pleasant Ridge; Maxwell E. Wright of Pontiac and Harold Binder of Royal Oak.

Pontiac Daily Press
(48,029 D)

MAR 8 1952

## County Men Win Architect Prizes /05

### Main Award Shared by Royal Oaker; Farmington Designer Gets 2nd

The jury for the "Howard T Keating House competition," sponsored by the Michigan Society of Architects, met at the society's headquarters, 120 Madison avenue, in Detroit, recently and awarded three cash prizes.

First prize of $750 went to Gordon A. Sheill of Royal Oak and Harold Binder of Detroit. Both men are with the office of Albert Kahn Associated Architects and Engineers, Inc.

Second prize of $400 was awarded to Charles D. Hannan of Farmington in collaboration with Herbert C. Hawthorne of Detroit.

Third prize of $250 was won by Morris Jackson of the office of Smith, Hinchman and Grylls, Inc., Detroit.

Serving on the jury were Alden B. Dow, architect of Midland, chairman; Clair W. Ditchy, national secretary of the American Institute of Architects; Prof. Emeritus Jean Hebrard of Ann Arbor; Soren Phelfian, architect of Detroit and John N. Richards, Great Lakes regional director of the A. I. A.

The contest was made possible by a donation of $1,400 by Howard T. Keating, real estate developer of Birmingham.

"On the whole," Dow stated, "the designs were of such a high level of excellence that considerable debate was necessary to arrive at decisions, the jury taking the better part of a day."

MAR 13 19[illegible]
52

OUTH MACOMB NEWS (MACOMB COUNTY)

## It's All in the Day

By D. A.

Log's eavesdrop on what Eric Mendelsohn told the Michigan Society of Architects:

"Mendelsohn is also you didn't know it being the fellow Albert Kahn once described as holding the same spot in architecture that Albert Einstein holds in science.)

"Detroit's industries eventually will be located as far as 40 or 50 miles from the Detroit of today . . . and it'll be a good thing," said Eric.

He described Detroit as poorly designed, outmoded, crowded and predicted drastic changes.

Macomb County has already seen the start of this expansion . . . In fact it got under way before World War II made headlines. . . . The Motor City's muscular tenacles first reached into Warren Township, East Detroit and St. Clair Shores . . . into which the crowded city long ago had spilled its working force.

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Ann Arbor News
(19,719 D)

MAR 19 1952

## Architects' Drawings On Display At U-M /05

Drawings from competition sponsored by the Michigan Society of Architects are on display in the exhibit corridor of the University's College of Architecture and Design.

The drawings, which will remain on display through April 4, were submitted in a statewide architectural competition for the best designs of small houses.

Prof. Ralph W. Hammett of the architecture faculty was advisor for the competition, purpose of which was "to stimulate better designed houses in the medium size class."

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Detroit Times
(440,317 D - 611,197 S)

MAR 23 1952

## Pick 2 Architects As Counselors Here /05

Architects James B. Hughes and Arthur H. Messing will be counselors at the seventeenth annual national guidance meeting sponsored by the Engineering Society of Detroit in the Rackham Educational Memorial Building at 10 a. m. Wednesday.

The purpose of this is to acquaint architectural and engineering students with the professions so they may decide better on the selection of one as a career.

Dean C. J. Freund, College of Engineering, University of Detroit, will give the principal address in the ESD auditorium, following which students will be divided into groups to have their questions answered by the different practitioners.

This year's meeting has added significance in light of the manpower shortage faced by the engineering and architectural professions.

## Associate Membership

Raymond C. Perkins, secretary of the Detroit Chapter, the American Institute of Architects, announces chapter approval of the application for association membership of Harold Binder of the office of Albert Kahn Associated Architects and Engineers, Inc.

Binder, in collaboration with Gordon A. Sheill, AIA, also of the Kahn office, won first prize in the recent small house competition conducted by the Michigan Society of Architects.

A native of Boston, Mass., Binder was educated there and received his AB degree from Harvard University in 1948, his bachelor of architecture degree from Harvard Graduate School of Design in 1951. After employment in the offices of Boston architects, he was engaged by the Kahn organization as architectural designer in 1951.

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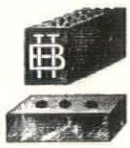

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# This Month

**MARSHALL FREDERICKS,** sculptor, of Birmingham, Mich., will be awarded the Fine Arts Medal of The American Institute of Architects at its 84th annual Convention at the Waldorf-Astoria Hotel in New York, June 24-27, 1952.

He was recently honored with an exhibition of his work in relation to contemporary architecture, in the galleries of The Institute in Washington, D. C.

Fredericks has recently been engaged in the development of the Cleveland, Ohio War Memorial Fountain, sculpture for Ohio State University, and for the Fort Street Union Depot in Detroit. Some of his other recently completed work includes a war memorial at the University of Michigan.

The 43-year-old sculptor was educated in this country and in studios in Germany, France, Sweden, Great Britain and Italy. He has been the recipient of numerous scholarships and fellowships. For nine years he taught at Cranbrook Academy of Art with the distinguished sculptor Carl Milles.

Fredericks has received many awards in competitions and from governmental agencies. A frequent exhibitor, a prolific sculptor, his work stands in scores of museums and private collections. Much of it has been done for industrial and commercial concerns.

Modern architecture is showing an increasing tendency toward the use of contemporary sculpture, and Fredericks has achieved surprising success in this field. His work reveals particular attention to the augmentation of architectural expression, as well as the control of sculpture by architectural considerations.

# New Lighting Wrinkle

Cold light from glowing ceilings and walls is a new development which will "completely revolutionize the lighting industry," states B. K. Wickstrum, vice-president of Sylvania Electric Products Company.

Practical application and commercial development of the new lighting invention is only three to five years away, he predicts.

Termed "electro Luminescence," the light source is a phosphor substance plated into glass which glows when activated by an electric current.

"So far, a rather dim glow only has been produced," said Wickstrum, "but further research will soon increase the brilliance to usable levels. Eventually houses will be built without lighting fixtures at all, with a diffused, even illumination from walls and ceilings.

"'We are even working on luminescent wall paper and glowing curtains," he concluded.

**THE MICHIGAN STATE BOARD OF REGISTRATION FOR ARCHITECTS, PROFESSIONAL ENGINEERS AND LAND SURVEYORS** announces that its next examination will be held June 11 to 14, inclusive at Detroit, Houghton, Bay City, Grand Rapids, Jackson, Ann Arbor and East Lansing.

Included will be all of the classifications, such as architecture, professional engineering, land surveying, as well as engineer in training. Part three of the architectural examination covering the design problem will be held only in Detroit and Houghton. All other parts of the examination may be taken at any of seven locations.

* * *

The Michigan State Board of Registration for Architects, Professional Engineers and Land Surveyors, at its recent annual meeting, elected Dean Wells I. Bennett, F.A.I.A., of Ann Arbor, chairman; Talmage C. Hughes, F.A.I.A., of Detroit, vice-chairman, and engineer Clyde R. Paton, of Birmingham, secretary. Reappointed were Henry G. Groehn, executive secretary and Mrs. Irene Weil, assistant executive secretary.

It was announced that Governor G. Mennen Williams had reappointed member Wilfrid C. Polkinghorne, of Houghton, to a seven-year term.

Other members on the board are Robert B. Frantz, A.I.A., of Saginaw, engineers Henry T. McGaughan, of Pontiac and William H. Harvie, of Birmingham.

The board approved two new classifications for registration: Agricultural Engineer, and Architect in Training. The latter will permit architectural graduates to take the first portion of the examination immediately after graduation, and the final portion after having four years experience under a registered architect.

Registered as architects, by reciprocity (on the basis of registration in other states) were Brewster H. Adams, Edward F. Ebbert and Irving M. Karlin, all of Chicago; John H. V. Evans and Herman H. Feldstein of Toledo, James L. Cherry of Glenside, Pa., Richard H. Cutting of Cleveland, Ohio, A. Reinhold Melander of Duluth, Joseph Miller of Washington, D.C., B. J. Sabaroff of San Francisco, and Albert V. Walters of Cincinnati.

Also registered by reciprocity were 25 professional engineers and one land surveyor.

Frantz was appointed as delegate to the annual convention of the National Council of Architectural Registration Boards at the Waldorf-Astoria Hotel in New York, June 22 and 23, just prior to the convention of The American Institute of Architects at the same place.

**FOR SALE—4'x8"x1¾" drafting table top, honeycomb core with bass-wood faces—$60. W. G. Sandrock, U. S. Plywood Corp. VInewood 3-1200.**

# Out to Open Spaces

O'Dell, Hewlett & Luckenbach, Architects, now of 2300 Dime Building in Detroit, have their own office building under construction on Hunter Boulevard in Birmingham.

"The growing tendency toward decentralization of architects' offices is brought about by the increasing need for expansion," Owen A. Luckenbach, firm member said. He added that the modern practitioner is keeping pace with industry in placing emphasis upon the importance of planning for convenience of operation so that all departments may be better coordinated.

"It is possible to do this to better advantage when one erects his own building, planned for his particular purpose," Luckenbach stated.

The new two-story structure is being erected on the east side of Hunter just north of Wimbleton. It will be 110 by 32 feet and the upper story will be level with Hunter Ave.

The firm's three partners are all residents of Birmingham. They are Luckenbach, of 422 Willits; Thomas H. Hewlett, 340 Hawthorne, and H. Augustus O'Dell, 1119 Pilgrim.

Structural engineer for the firm is Robert Cuddie, 1540 Pierce, Birmingham.

The new building is about one-fourth complete and is expected to be ready for occupancy this fall, Luckenbach said.

Other architects offices in the area are Eero Saarinen and Associates, and Swanson Associates, both on Long Lake Road, Bloomfield Hills; Wallace Frost and Hugh T. Keyes, both of Birmingham.

Luckenbach said his firm now has 25 office employees besides 13 members of its structural engineering department. The present firm members have been associated together for the past 11 years. Among the company's recent projects have been the Northville State Hospital, St. Clair Metropolitan Beach and many schools and other types of structures. It is now working in association with the architectural firm of Crane, Kiehler & Kellogg on the Ford Memorial to be erected in Detroit's Civic Center, as well as the design for the entire plaza for the group of buildings.

**ARCHITECTS** and members of the various groups in the building industry have been invited to explore the possibilities of presenting a course in building construction at Wayne University in Detroit.

The course, which would be for 16 two-hour evening sessions, has a potential of some 100 students interested in the several phases of building, including architecture, construction, real estate, mortgages and accounting.

C. C. Whitlock, certified public accountant, is organizing the study group to implement the course.

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## SMALL HOUSE COMPETITION

Competition rules and instructions to competitors in a Concrete Masonry Home Competition, sponsored by the Michigan Society of Architects, are now available for distribution according to C. A. Sirrine, A.I.A., Professional Adviser to the Competition.

The Concrete Products Association of Detroit has provided $3,250 to be awarded to prize-winning designs for a small concrete masonry home. Winner of the First Prize will receive $1,000; Second Place $750; Third, $500, and prizes of $100.00 each will go to the winners of ten Honorable Mention.

Any Architect, draftsman or student of architecture is eligible to enter providing he is practicing, employed or studying in the State of Michigan and, in addition, is a bona fide resident of Michigan. Eligible persons wishing to enter may obtain entry forms and copies of the Competition Program by request to the Professional Adviser, 76 Adams Avenue, West, Detroit 26, telephone WOodward 3-8566.

Purpose of the Competition is to apply the value of architecturally trained effort to the design of a concrete masonry home wthin the financial reach of the limited-income group and to stimulate added public interest in architecturally designed small homes.

The Competition closes July 15 and the thirteen prize winners will be announced at the Midsummer Conference of the Society on Mackinac Island, July '1, August 1 and 2.

Following the Mackinac meeting, where many of the designs will be exhibited, the first public showing will be held about September 1, at the Home-Planning Center of The J. L. Hudson Company, in Detroit. It is expected that similar public exhibitions will be held in a number of cities throughout Michigan.

The Concrete Products Association plans to have working drawings prepared from designs selected so that home-seekers may obtain them.

In addition, plans are being formulated by the Concrete Products Association to build a model concrete masonry home from the design receiving First Prize in the Competition.

The inclusion of competitors in all stages of architectural training, from students to registered architects, is expected to produce a number of fresh, vigorous and well-studied designs.

Results of the competition are expected to show clearly that a home, though limited in size and restricted by cost, may be as attractive and liveable as larger and more expensive homes, by careful architectural study and a judicious selection and use of materials.

## PRODUCERS' COUNCIL

New officers of the Producers' Council, Michigan Chapter, elected at the dinner meeting held at the Hotel Fort Shelby in Detroit on May 12th are William F. Mulcahy of J. A. Zurn, president; Clyde T. Oakley of Truscon Steel, vice president; Cessna-flying William A. Snure of Unistrut Detroit Service, secretary; G. Frederick Muller of Pittsburgh Plate Glass, treasurer. Fred was re-elected because he is a connoisseur on the tough art of hanging on to money —there's still a good balance in the Producers' kitty.

Retiring president William J. Portland of Armstrong Cork announced that there are now 47 members in the Michigan Chapter and thanked the members for their wonderful cooperation during his regime.

It was announced that a joint meeting with the Western Michigan Chapter, A.I.A., will be held on Saturday, June 7th at the Macatawa Hotel near Holland, Michigan. A. Naughton Lane, National President of the Producers' Council, Inc., will come from Washington to be the principal speaker. There will be table-top exhibits. All interested are invited to attend.

Tie of the evening went to three musketeers: Art Henson, Burt Kuiper and Tom Schwer—all three wearing outstanding numbers.

Others at the meeting were Al Hann, H. M. Armstrong, John Finn, Don Johnson, smart Jack Murray, Bill Ogden, Herb Starkey, Ross Griffith, D. L. Granger, R. B. Richardson and R. B. Jr., who was telling us about their new offices; Pat Galway, Tex Warner, Bob Faulwetter who has a 500 volume collection on Christopher Columbus in his diggings at the Tuller, and Tom Moore.

Bow tie of the evening, you might know, went to handsome Harry Fritzam. Harry brought his distinguished father-in-law, Frederick A. Hart, former executive of New York Life. Mr. Hart, now retired, spends his time traveling between New York and Clearwater, Florida. Such is the life for those who prepare for it!

It was nice to see new-comers Owen Watkins and F. C. Burt of Mosaic Tile at the meeting, and Ernie Baker, Roy Smith, Russ Collins, Frank Sander, Bill Boeschenstein and Bob Ogden.

Robie Cone, Jr., is planning on taking a cruise along the New England coast this summer. Any of you nautical guys interested? Robie sat across from Elmo Liddle of Josam.

---

Housing the Aging is the topic for the University of Michigan's fifth annual conference on aging, to be held in Ann Arbor, July 24-26, 1952.

The conference will consider the housing needs of healthy, chronically ill, confused, and disabled older people living in urban and rural areas. Among the topics to be discussed are types of housing and living arrangements, architectural designs and costs, hygiene and safety standards, social and economic aspects of housing, and auxiliary services.

Dr. Wilma Donahue, of the Institute of Human Adjustment, Rackham building, Ann Arbor is in charge of registration.

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## A LIGHTING COMPETITION

The Michigan Society of Architects will sponsor an architectural competition for the lighting scheme to be used in the new convention hall being planned for Detroit's Civic Center, it is announced by Leo M. Bauer, Society President.

The competition, open to architects of Michigan, will be based on preliminary drawings prepared by Giffels & Vallet, Inc., L. Rossetti Associated Engineers and Architects, Bauer stated. He added that Kirlin Company, manufacturers of lighting fixtures, have provided prize money totaling $2250. First prize will be $1000, second prize $750, and third prize $500.

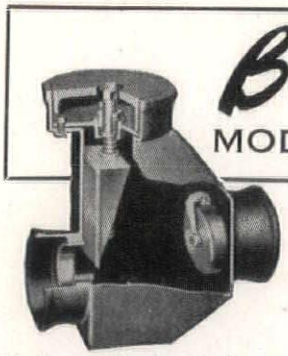
It is expected that drawings by the G. & V. firm will be available in early autumn. Designs will be exhibited at the Society's 39th annual convention to be held in Detroit next March.

## NEW ANDERSEN WINDOW

Two hundred architects and others in the building industry were guests of Kimball & Wilson, Inc., of Detroit, and Andersen Corporation, of Bayport, Minn., at a dinner in Hotel Statler, Detroit, May 20, for a showing of the new Andersen Flexivent window unit, which includes an awning type, hopper type, and casement, all in one unit.

James D. Rowland, vice-president of Andersen, and affable host Clarence Kimball, demonstrated the new window's installation, in ribbons, stacks and multiple groups. A new sealed sash was also shown.

Architects present: Abrams, Arnold Agree, Askew, Bauer, Belco, Bery, Bragg, Budzynski, Cole, Coombe, Creaser, Cy Cox, Denyes, Dworski, Emmerling, Fernald, Fleischaker, Gabler, Greenberg, Hammond, Jickling, Kuni, Merritt, Meyer, Mitton, Gus O'Dell, Perry, Pollmar, Radford, Redstone, Severin, Schley, Schmidt, Schoettley, Schowalter, Schurman, Sheill, Swanson, Thornton, Tilds, Vose, Ward&F. Wright.

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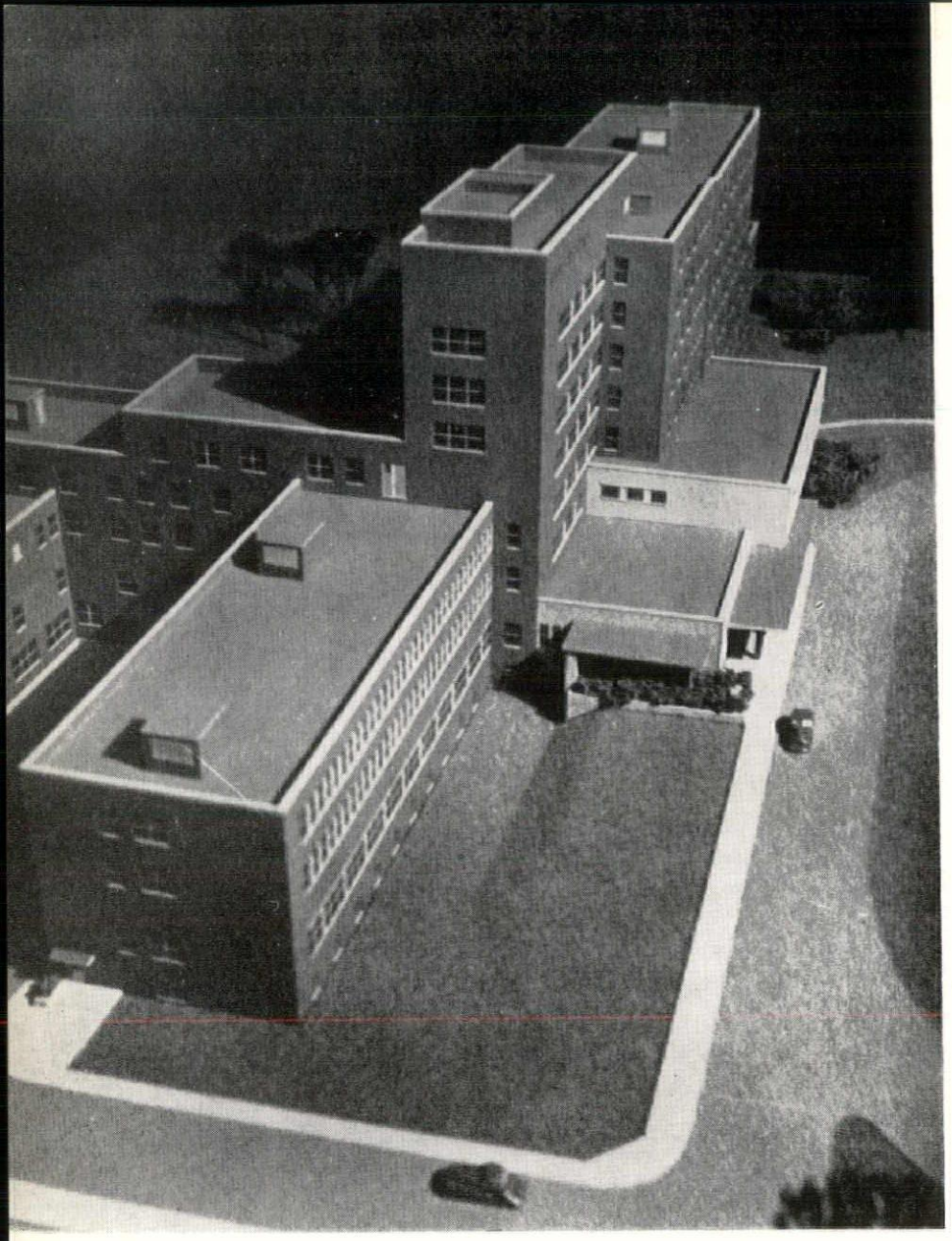
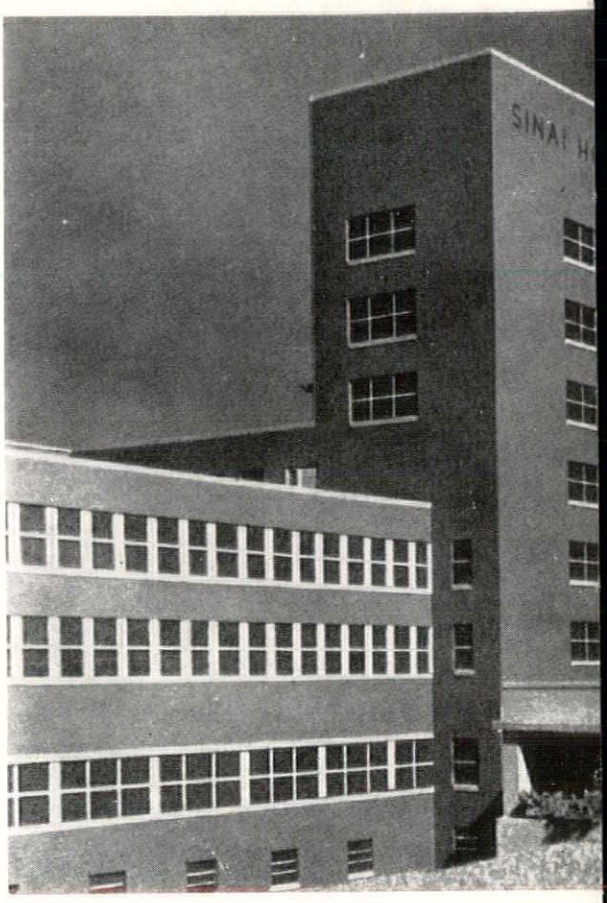




# S I N A I

A new Jewish hospital, the first in the Detroit area, is now under construction in the northwest section of Detroit, Michigan. Three organizations, th medical facilities of Detroit, to be known as Sinai Hospital. Designed by Albert Kahn Associated Architects and Engineers, with Dr. J. J. Golub, Superi

The proposed Sinai Hospital now under construction is located in the northwest section of Detroit on a 33 acre (fairly level) site, bounded on the north by Outer Drive, south by McNichols Road, east by Lauder Avenue, and west by Whitcomb Avenue.

The initial construction program is of the main hospital building which will be devoted to the care of acutely sick patients. When funds are made available, subsequent stages of construction will consist of an outpatient department, additional patients' wings, a school of nursing and dormitory, convalescent building, auditorium, and physicians' building.

The hospital and its main entrance will face and be set back 300 feet from Outer Drive. The distance of setback was determined by zoning regulations and by slope requirements for gradual and easy incline of approach drives. The grade is brought up to first floor level at the main lobby, thereby ridding the main entrance of hazardous and fatigue causing steps.

The open space to the front of the building will offer a splendid opportunity for attractive landscaping, which should have a valuable psychological effect on the moral of patients and personnel.

Four principal wings constitute the main hospital building. These are grouped and consolidated to form the basic structure. Three of the wings were placed with their long sides in an east and west direction, and paralleling Outer Drive. The center, or interconnecting wing, is located with its long axis in a north and south direction, and perpendicular to Outer Drive. All the wings are located with proper regard for suitable orientation, natural light and sunshire, accessibility and interdepartmental communication.

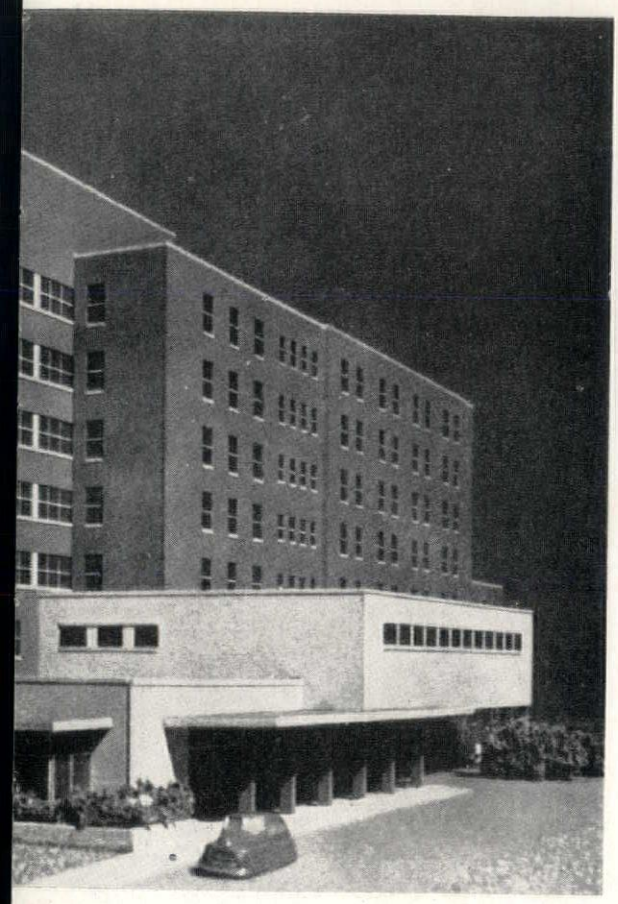
Parallel wings are purposely offset from their common axis, thereby permitting termination of most corridors at outside walls which are fenestrated.

The wings are designed for the following facilities:

**"A" wing** (northeast) consists of three (3) floors and ground floor, and will house the facilities for: personnel, housekeeper and necropsy—ground floor; administration—first floor; obstetrics—second floor; major surgery—third floor.

**"B" wing** (northwest) consists of seven (7) floors, penthouse, and ground floor, and will house facilities for: storage and dining—ground floor; admitting, emergency, accounting and house staff living quarters—first floor; maternity nursing unit and nurseries—second floor; medical and surgical patient nursing units—third to seventh floors, inclusive.

**"C" wing** (center) consists of four (4) floors and ground floor, and will house facilities for supply receiving, storage, pharmacy — ground floor; X-ray diagnosis and therapy—



# HOSPITAL

reater Detroit Hospital Fund, the Jewish Welfare Federation, and the Jewish Hospital Association, cooperated to promote this 200-bed addition to the ndent of the Hospital for Joint Diseases in New York, as consultant, the new institution is scheduled for completion late in 1952 and in operation 1953.

first floor; laboratories and animal quarters—second floor; central sterilizing—third floor; staff living quarters—fourth floor.

**"D" wing** (southeast) is one-story in height and will house the laundry, maintenance shops, incinerator, and boiler room.

The kitchen extends into a one-story structure located south of the patients' wing.

The main entrance, lobby, information counter, gift shop, and sitting rooms are located on the first floor of the one-story and ground floor structure, which is located on the north, between the "A" and "B" wings. This structure, plus the unit to the west which houses the nurseries, form the major focal point in the exterior design of the hospital.

The design provides for complete separation of entrances for service and traffic leading in and out of the building.

In order to keep the patients' areas quiet, the parking lot (141 car capacity) and service court are located at the east side of the hospital.

The initial building will accommodate 200 beds and 48 bassinets. The distribution will be 36 beds in private rooms, 100 beds in semi-private rooms, and 64 beds in four-bed wards. The private and semi-private beds can be used for either medical, pediatric, or surgical cases, except the maternity beds which will be devoted to that specialty.

38 of the initial 200 beds will be in the obstetrical department.

Under emergency conditions, 36 additional beds can be accommodated by using the private rooms as semi-private.

Spaces assigned to major services and most of the adjunct facilities are of ample size in the initial plan that, by fully equipping them, they will accommodate an additional 100 beds.

Wings are 48'-0" wide, except the center wing which is 44'-0" wide. Story height is generally 10'-8", except from ground floor to first floor which is 12'-0", and from first to second floor which is 14'-11". The increased first-floor story height provides a continuous pipe space between the first floor ceiling and the underside of the second floor. Access doors and service catwalks in this area provide access to the control valves of major piping in the building.

The total floor area is 175,000 sq. ft., and the cubic content is 2,150,000 cu. ft.

Arrangement of interior layouts and facilities will be described hereinafter as they occur on the various floors.

**Ground Floor**

All supplies which come into the hospital will be delivered through the depressed service yard onto a loading dock and into the receiving department in the "C" wing. Here they will be uncrated, inspected, weighed and dis-

patched. Supplies routed for long range storage, including canned and bulk foods, will go into the general storage and food storage in the "B" wing. Supplies which may be issued within a two-week period will go into the current supply room adjoining the receiving office.

Pharmaceutical supplies will be sent directly to the stores adjoining the pharmacy on this floor.

Dietary supplies for daily use or those requiring refrigeration, will be sent directly into the kitchen day storage room or kitchen refrigerators.

A separate room for the storage of mattresses, springs and beds is conveniently located near the general stores and elevators.

The issuing and receiving office is located between the receiving room and current supplies to provide central control over movement of supplies.

Space adjoining the receiving department is developed for garbage refrigeration and removal of same, and also for can washing, cleaning and storing.

Other refuse matter from the hospital will be disposed of in the incinerator room on this floor near the boiler room. The incinerator proper will be constructed of masonry reinforced with steel and have an inner lining of refractory brick. It will be gas-fired and have a capacity for burning 400 lbs. of rubbish per hour. Smoke exhaust flue will connect to main boiler stack.

Food preparation for patients and staff will take place in the kitchen-unit which consists of the main kitchen, kosher kitchen, diet kitchen, bake shop, dieticians offices, walk-in and reach-in refrigerators, day store room, dish and pot washing, tray conveyor, ice making machine, and kitchen personnel lockers, showers and toilet rooms.

Food for patients consumption will be delivered on a vertical tray conveyor to the pantries on the floors of each nursing unit and from there will be distributed to the patients. Soiled dishes will be returned via this tray conveyor to central dishwashing facilities in the main kitchen.

Food will also be prepared in the kitchen for the dining rooms located on this floor. Here will be fed the professional, technical, clerical and domestic staffs of the hospital. Method of feeding will be the "self-service" kind with cafeteria counter located between the kitchen and main dining room. On the south side, the main dining room windows and doors are shaded by a projecting canopy and open onto a depressed landscaped garden.

In addition to the kitchen and dining room facilities, there is the snack bar which is located on the ground floor. Sandwiches, coffee, soft drinks and desserts will be served here to the hospital personnel, staff and visitors.

The laundry is designed to take care of the initial bed capacity of 200 plus 48 bassinets. Adequate space is allocated to permit future installation of additional equipment which will provide laundry facilities for 300 beds.

Requirements are based on a demand of 12 lbs. per patient per day, 4 lbs. per bassinet per day, 7 days a week and 5 working laundry days at 40 hours per week.

Soiled linen will be collected at the linen chute collection rooms on the ground floor and delivered to the soiled linen room in the laundry. Here linen will be sorted and sent through the laundering cycle of washers, extractors, tumblers, and ironers. It is figured that the total laundry volume will consist of approximately 70% flatwork, 22% rough dry and 8% press work.

A noteworthy feature of the layout is that laundering starts at the soiled linen room and continues through the laundering cycle without backtracking. Fresh, clean linen does not come in contact with soiled linen.

All clean linen will be stored in a central clean linen room, and from here will be distributed by requisition to the various departments of the hospital. A mending and sewing room, with a closet off same for storage of replacement linen materials, and the laundry office complete the laundry facilities in this hospital.

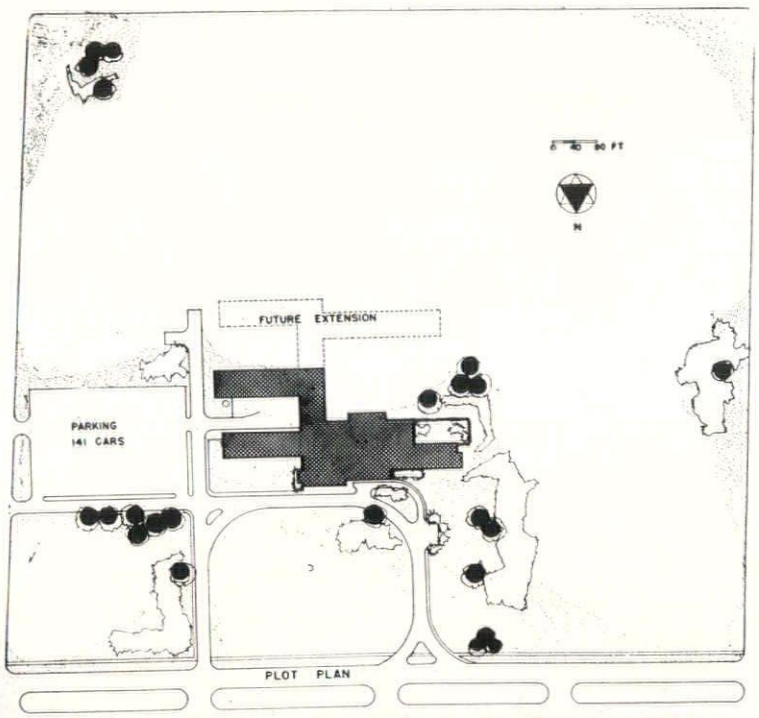
Balance of ground floor in the "D" wing is devoted to the repair shops for furniture and equipment, building and maintenance shops. These are located in close proximity to the engineer's office in the boiler room, since the shop personnel will be supervised by the engineer.

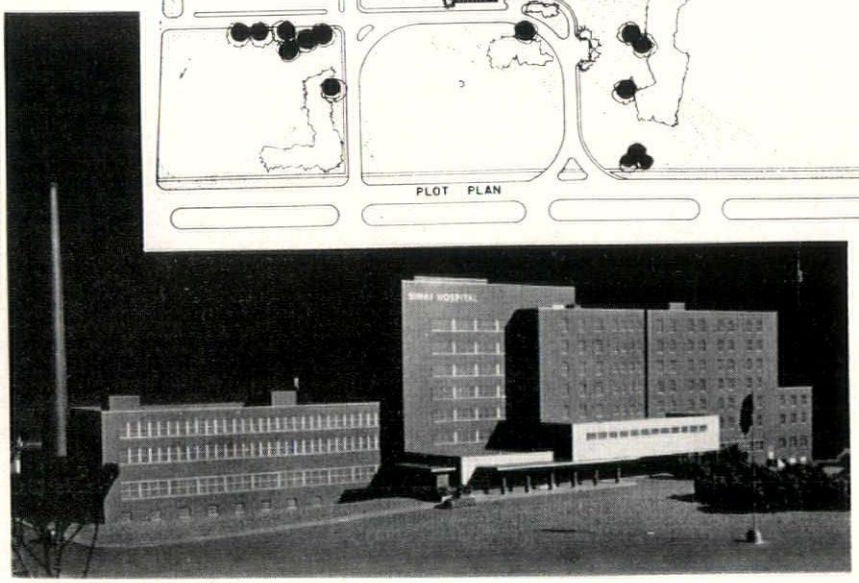
The boiler room is attached to the "D" wing and is laid out to house, initially, two (2) medium pressure, oil-fired boilers. The structure itself can be extended to the east to accommodate a third boiler. Smoke exhaust from the boilers and incinerator will be expelled through the 165 ft. high, gravity type, brick smoke stack.

Fuel oil will be piped into the boiler house from the three (3) underground fuel storage tanks located outside of the building and convenient for unloading of fuel from tank trucks.

In the boiler house will also be located the auxiliary boiler equipment, water softeners, water heaters, pumps, compressors, and the ventilating equipment for the laundry.

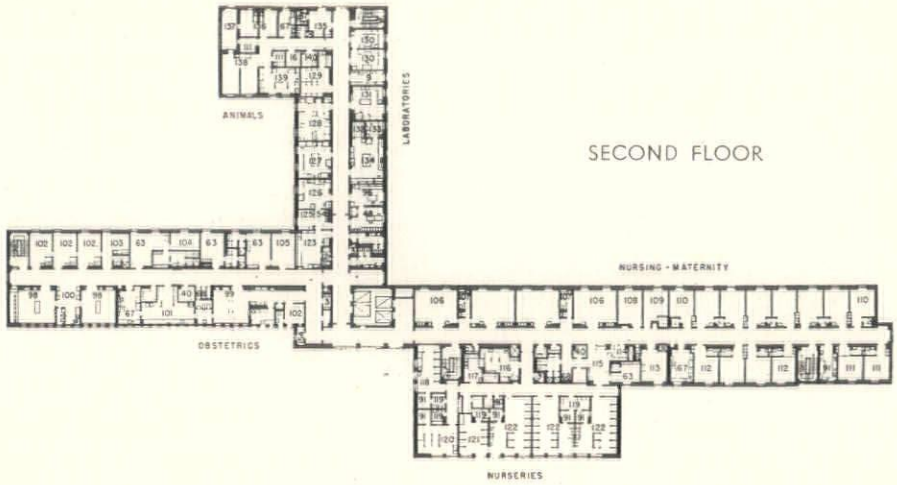
The necropsy department is located on the south side of corridor in the "A" wing. It consists of an autopsy room with built-in bleacher seats for observation, dissection room and morgue and a double tier refrigerator for six (6) bodies.

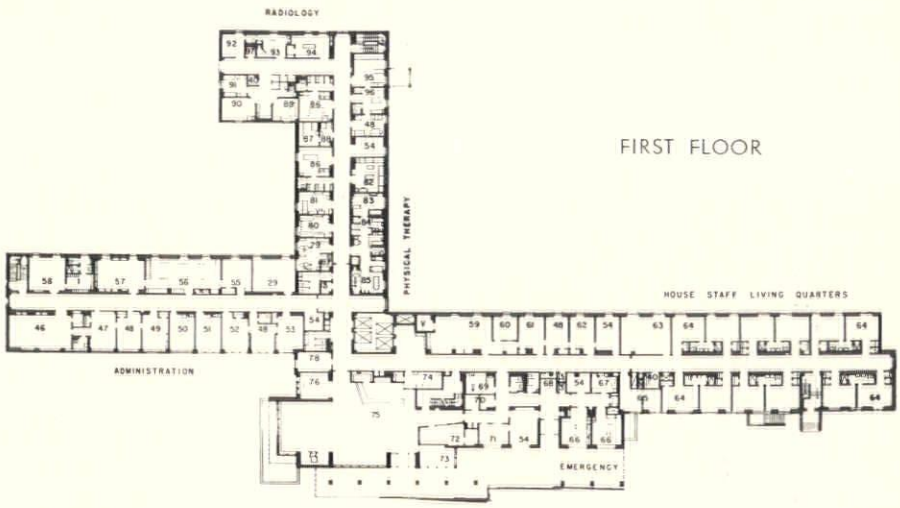


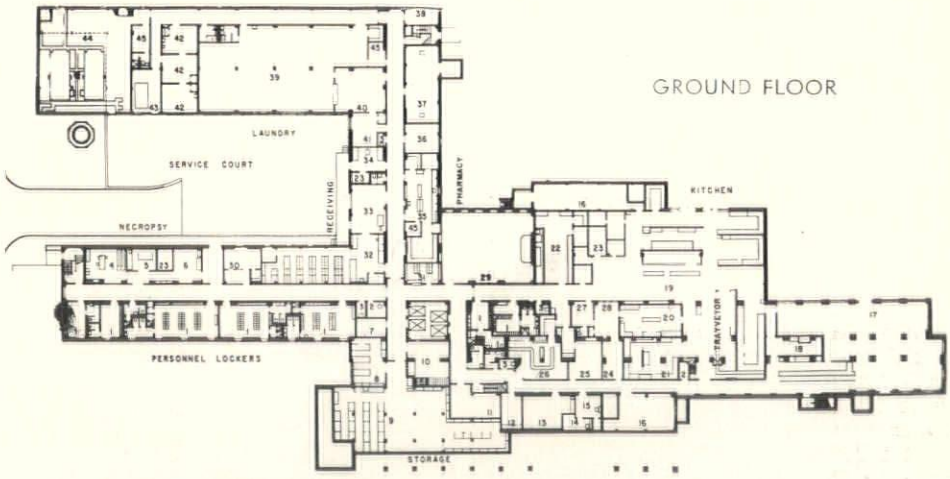



LEGEND:

1 LOCKER ROOM
2 SOILED LINEN
3 JANITOR'S CLOSET
4 AUTOPSY
5 DISSECTION
6 MORGUE
7 EMERG. SW. BD.
8 FOOD STORAGE
9 GENERAL STORAGE
10 BED STORAGE
11 TEL. EQUIPMENT
12 CIRCUMCISION
13 VISITORS
14 BEAUTY SHOP
15 BARBER SHOP
16 FAN ROOM
17 MAIN DINING ROOM
18 SERV. KITCHEN
19 MAIN KITCHEN
20 DIET KITCHEN
21 KOSHER KITCHENS
22 BAKE SHOP
23 REFRIGERATOR
24 WT'G. & STENO.
25 PRIV. DINING ROOM
26 SNACK BAR
27 ADMIN. DIETICIAN
28 DIETICIAN OFFICE
29 LECTURE ROOM
30 HOUSEKEEPER'S OFFICE
31 CHECK ROOM
32 CURRENT SUPPLIES
33 RECEIVING
34 GARBAGE CAN WASH
35 PHARMACY
36 FURNITURE STORAGE
37 TRANSFORMER ROOM
38 TRUNK STORAGE
39 LAUNDRY
40 CLEAN LINEN
41 SEWING
42 SHOPS
43 INCINERATOR
44 BOILER ROOM
45 OFFICE
46 BOARD ROOM
47 EXECUTIVE DIRECTOR
48 SECRETARY
49 ASSISTANT DIRECTOR
50 SURG. OFFICE
51 PHYS. OFFICE
52 DIRECTOR OF NURSES
53 ASS'T. DIRECTOR NURSES
54 WAITING ROOM
55 MED. STENO. & MIMEO.
56 MEDICAL RECORDS
57 MED. LIBRARY
58 MED. STAFF LOUNGE
59 ACCOUNTING
60 PAYROLL CLERK
61 CHIEF ACCOUNTANT
62 PURCHASING
63 LOUNGE
64 INTERNES BED ROOM
65 SOCIAL SERVICE
66 EMERG. TREATMENT
67 UTILITY ROOM
68 STRETCHERS
69 CHEST X-RAY
70 INTERVIEW
71 ADMITTING
72 GIFT SHOP
73 SITTING ROOM
74 SWITCH BOARD
75 LOBBY
76 MEMORIAL HALL




Arrival and departure of employees will be through the passage from the service yard to the "A" wing corridor. Employees time clocks will be located in this passageway and will be exposed to view through a glazed partition between passage and housekeeper's office.

The ground floor also contains locker rooms, rest rooms, showers and toilet rooms for technicians, clerks, domestics and nurses.

Barber and beauty shops for patients and staff are located in the "B" wing.

The Mohel's circumcision room and visitors observation room are also located in the "B" wing. This suite of rooms can also be used for infant care demonstration.

Transformer, switch room and telephone equipment rooms are situated on this floor in convenient locations for incoming service and for distribution within the building proper.

The lecture room near the elevators will be used for educational and social activities.

The pharmaceutical suite, located near the elevators, consists of storage, manufacturing, and dispensing areas arranged for efficient operation and supervision.

**First Floor**

The main entrance and north facade of lobby are protected by a cantilevered canopy. This and the other elements forming the one-story lobby structure give expression to the informal character of the design. The spacious lobby is abundantly fenestrated for natural light and sunshire. It will contain the information counter for central control of visitors, doctors' in-and-out-register and information directory. Information station is also conveniently located near the check room and switchboard room.

77 HALL OF LIFE
78 FATHER'S WAITING ROOM
79 DENTAL TREATMENT
80 BASAL MET'M.
81 ELECTRO CARDIO.
82 OCCUPAT. THERAPY
83 MECHANO THERAPY
84 ELECTRO THERAPY
85 HYDRO THERAPY
86 RADIOG. & FLUORO
87 DARK ROOM
88 WET FILM VIEWING
89 SUP'F'L. THERAPY
90 DEEP THERAPY
91 EXAM ROOM
92 RECOVERY
93 CYSTOSCOPY
94 FRACTURE
95 VIEWING
96 DIRECTOR
97 MOBILE X-RAY
98 DELIVERY ROOM
99 PRECAUT. DEL. ROOM
100 SCRUB-UP & SUB-STERIL.
101 NURSES WORK ROOM
102 LABOR ROOM
103 PREPARATION ROOM
104 OBST'R'N. REST ROOM
105 NURSES OFFICE
106 4-BED WARD
107 SUB UTILITY
108 DAY ROOM
109 VISITORS
110 SEMI-PRIV. ROOM
111 ISOLATION
112 PRIVATE ROOM
113 PANTRY
114 CHARTING
115 NURSES STATION
116 MILK FORMULA
117 BOTTLE WASHING
118 INFECT. NURSERY
119 DRESSING
120 SUSPECT NURSERY
121 INCUBATION
122 NORMAL NURSERY
123 CLINICAL LAB.
124 SPECIMEN COLL.
125 BLOOD LETTING
126 BLOOD BANK & SERVICE
127 PATHOLOGY LAB.
128 BIO-CHEM. LAB.
129 PATHOLOGY MUSEUM
130 RESEARCH LAB.
131 GLASS WASH, STERIL.
132 INCUBATOR
133 MEDIA PREP.
134 BACTERIOLOGY
135 PHOTOGRAPHER
136 DOGS
137 ANIMAL RUNWAY
138 RATS & RABBITS
139 CLINICAL RES. & OPER.
140 FEED ROOM
141 OPERATING ROOM
142 ORTHOPEDIC OPER.
143 RESUS. APPARATUS
144 SPLINT ROOM
145 FROZEN SECT. LAB.
146 ANESTHESIA ROOM
147 INSTRU. ROOM
148 APPARATUS ROOM
149 UNSTERILE STORAGE
150 CENT. STERIL. WK. RM.
151 SOLUTION ROOM
152 STERILIZING
153 STERIL. STORAGE
154 TANK STORAGE
155 MILK ROOM
156 BATH
157 PLAY ROOM
158 PEDIATRIC WARD - 2 BEDS
159 SITZ BATH
160 EARLY MORN. ADM. CLK.
161 DIETICIAN
162 HOUSEKEEPER
163 HEAD NURSE
164 NIGHT OPER. RM. NURSE
165 SUP'V. OPER. ROOM
166 ASS'T. HEAD NURSE
167 ASS'T. DIETICIAN
168 SOLARIUM
169 ROOF GARDEN
170 PATIENTS LIBRARY
171 VOLUNTEERS OFFICE
172 CHIEF ENG. LIV. QTRS.
173 ELECTRO. ENCEPH.
174 TO ELEV. PENTHOUSE

A sitting alcove is provided off the lobby for visitors' use and for consultation between patients' relatives and physicians. The gift shop, off the lobby, will merchandise, among other items, the articles made in the occupational therapy unit of this hospital.

Inscribed aluminum memorial plaques will be mounted, on the wood-paneled walls of the Hall of Life and Memorial Hall, in an orderly manner.

Each hall will contain a parchment leafed memorial book, set on a stand. Three (3) memorial windows at the east wall of the Memorial Hall will be of stained glass and be designed to illustrate, as their subject matter, advancements made in medicine.

The administrative quarters are situated on this floor of the "A" wing adjoining the main lobby, and will consist principally of offices and facilities for the executive director, assistant director, board room, superintendent of nurses, assistant superintendent of nurses, physicians' and surgeons' offices. The medical staff lounge is located at the extreme east end of this wing adjoining the private entrance from the parking lot.

Medical library and medical records, and the medical stenographer also are located in this wing.

The emergency and admitting entrance is located strategically at the west side of the main lobby and at the first floor level. It is set back from the main lobby facade and screened by the projecting nursery structure above. The emergency suite, is comprised of two treatment rooms, nurses' utility work room and waiting room and will contain major equipment and facilities for emergency treatment and surgery.

The admitting department is located between main lobby and emergency unit and near the elevators in order to provide ready access to nursing units. obstetrical department, and surgical suite. The admitting department consists of a waiting room, two interview rooms, general office, and a chest X-ray room.

Purchasing and accounting offices, with cashier's windows facing main elevator lobby, also social service offices are located near admitting and main lobby.

The west end of the "B" wing on this floor contains living quarters for internes and members of the resident medical staff. These rooms can be converted into patients' rooms when an internes' residence is built.

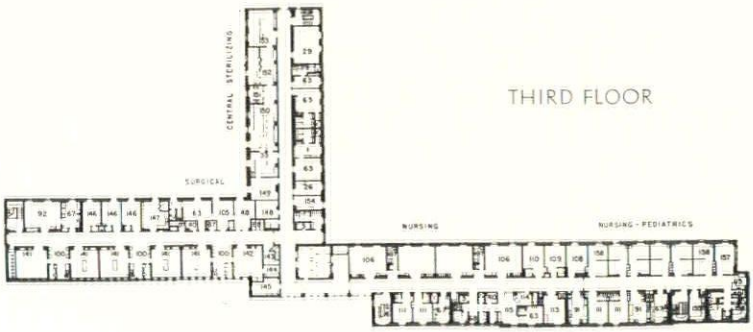
The radiography department occupies the major portion of the first floor in the center wing. It is contiguous to elevators, patients' wing, and future out-patient department. The diagnostic section contains one 300 M.A. radiographic room, one 300 M.A. combination radiographic - fluoroscopic room, dressing rooms and toilets, developing room, wet film viewing and drying room. The therapy section contains one deep therapy room, one superficial therapy room, control room, office and examination room, dressing rooms and toilet. A patients' recovery room, accommodating two beds, adjoins this suite. The special section contains one cystoscopy room and a fracture room. In addition to the above there is provided a general waiting room, one room for the secretary and files, director's office and toilet, and a separate viewing room.

The balance of the center wing is occupied by a dental suite (2 chairs) complete with laboratory and dark room, basal metabolism room, electrocardiography room, occupational therapy, and one integrated suite for hydrotherapy, electrotherapy and mechanotherapy. The hydrotherapy room contains such equipment as foot and arm baths, paraffin unit, continuous flow bath, theraputic shower and steam jet. Mechano-therapy contains equipment for physical exercise, a suspension sling, shoulder wheel, pulley weights, stall bars, etc. Electro-therapy is equipped for giving artificial light and heat treatments. Occupational - therapy is equipped for accommodations in weaving, painting and other mechanical occupational work.

**Second Floor**

The second floor of the "A" wing is devoted exclusively to obstetricis. It contains three (3) delivery rooms, three (3) labor rooms, a preparation room, nurses work room, separate lounge, locker, toilet and shower facilities for obstetricians, house staff and nurses, linen and supply rooms, utility room, and nurses' and secretary's offices.

Two (2) delivery rooms are grouped in a pair with a combination scrub-up and substerilizing room located be-



tween them. One of these delivery rooms is equipped for caesarian work. Generally, the delivery rooms and services for same are similar to those in the surgical suite. The third delivery suite complete with auxiliary service rooms and labor room is segregated from the others for septic cases.

The second floor of the "B" wing houses the maternity nursing unit (38 beds), offering private, semi-private and ward accommodations. As is typical of all nursing units in this hospital, the nurses station is located in center of nursing unit and is flanked by the main utility room, doctor's charting room, linen and supply rooms, nurses' lounge, visitors' room, examination room, patients' toilets, showers, flower room, and isolation rooms. Patients' rooms generally have a southern exposure while the service areas face north. Inserted between each pair of four-bed wards is a small and compact sub-utility room containing a bed pan flusher, water closet enclosed with stall, counter, sink and cabinets. The location of the sub-utility room will aid materially in reducing cross corridor traffic and eliminate emptying of bed pans from ward patients into the flusher in the main utility room.

Separated from the nursing unit by a corridor is situated the main nursery suite. It consists of three (3) normal nurseries each housing ten (10) bassinets, incubation nursery for six (6) bassinets, a suspect nursery of six (6) bassinets, and an infectious nursery of six (6) bassinets. The bassinets in each nursery are further separated from each other by individual metal and clear wire glazed cubicles. An arrangement of dressing and examination rooms has been provided in conjunction with each nursery so that the doctor need not enter the nursery proper. Glazed vision panels in the corridor walls of nurseries provide for display of infants during visiting hours.

The central milk formula room is located across the corridor from the nurseries. It consists of two (2) principal rooms, one for bottle washing, and another for formula preparation. The former is totally segregated from the latter. The formula room will contain equipment for storage of ingredients, preparation, sterilization, filling and refrigeration ,also desk, hand lavatory and clean gown lockers.

The laboratory occupies the entire second floor of the "C" wing. The layout provides for direct accessibility to the specimen collection room, clinical laboratory and blood bank at all hours without necessity for opening or entering the laboratory department after hours. Separate rooms are provided for clinical work, serology, bio-chemistry, bacteriology (including incubation and media rooms), pathology, two (2) research labs, one directors' lab and office, and one room for lab files and secretary. In addition, there is also a supply room, glass washing and sterilizing room, and a pathology museum with a separate preparation room off same. The museum is equipped to display actual specimens and also illuminated kodachrome films of specimens.

Each room is fully equipped for the work to be performed. Equipment is built of enameled steel supports and cabinets, and acid resisting wood or soapstone work tops. Sinks are of ceramic ware and waste piping of duriron.

At the southeast end of the laboratories, in a segregated department, animal quarters are provided. In addition to cubicled areas, separating cages of the different animals, there are provided isolation rooms, operating rooms, small laboratory, feed room, utility room and a screened outdoor runway.

**Third Floor**

The surgical suite is located in the "A" wing of this floor and provides complete separation from the rest of the building. It contains six (6) operating rooms arranged in a pattern of two (2) operating rooms separated by a combination scrub-up area and sub-sterilizing room. Each sub-sterilizing room will have, in addition to the stainless steel work-counter and sink, a built-in solution warmer, high speed pressure steam autoclave, and provisions for one future washer instrument sterilizer.

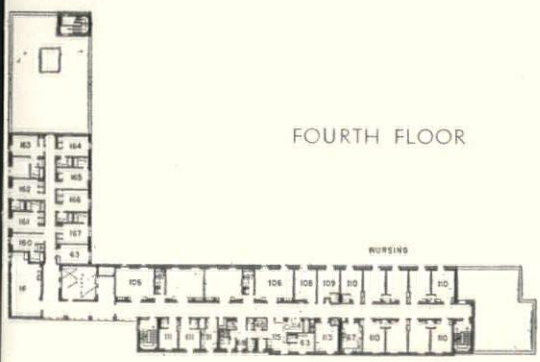
With the exception of the urology and orthopedic rooms, the balance of the operating rooms are interchangeable and equipped for major and minor work. Operating tables are movable. Air, vacuum, and oxygen outlets are provided in each room. Each room is also equipped with a built-in instrument cabinet, shelving, two (2) X-ray film viewing boxes, ceiling mounted operating light, two (2) clocks, and ultra-violet sterilizing lamps. Double windows are provided to form the exterior fenestration. Floors are of Hubbellite conductive terrazzo with plastic division strips. Walls are mat green color ceramic tile. Ceilings are plastered and painted. Operating rooms will be heated by radiant heating coils built into the exterior walls. Air conditioning will also be provided.

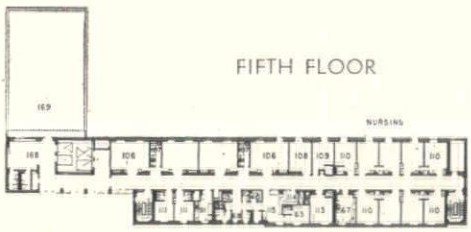
One operating room has an adjoining viewing gallery, separated by an apron wall and glass shield from operating room proper.

The following rooms complete the balance of operating suite:

Three (3) anaesthesia rooms, recovery room (five bed capacity), utility room, nurses' lounge, toilets and showers, nurses' office and supervisor's office, linen room, resuscitation apparatus room, portable X-ray machine closet, developing room, instrument room equipped with pressure and washer sterilizers, apparatus room and frozen section laboratory.

On the third floor of the "C" wing, which is contiguous with the surgical suite, in addition to the lecture room, lockers, showers, toilets and lounges for the visiting, resident and staff surgeons, there is located the central sterilizing and supply department. It con-

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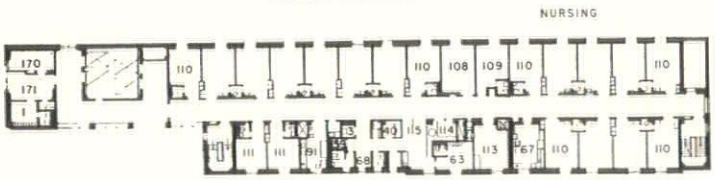
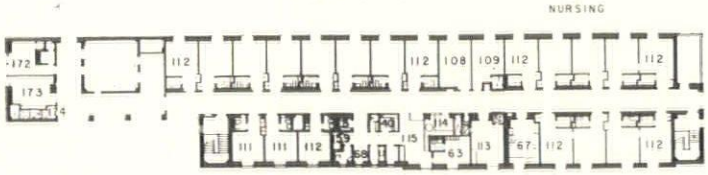
SIXTH FLOOR




SEVENTH FLOOR




sists of an unsterile supply storage room, receiving and clean-up room, solution room, clean work room, autoclaving and sterilizing room and sterile storage and issue room.

In the central sterilizing department will be processed and issued all sterilized materials for the hospital.

The third floor of the "B" wing consists of two nursing units, one assigned to pediatrics and the other to medical and surgical patients.

The pediatric unit, of 14 bed capacity, is separated from the adjoining nursing unit and will contain its own nurses' station, examination and treatment room, utility room, two isolation rooms, toilet and bathing facilities, linen and supply rooms, six bed-rooms (2 beds in each), milk room, and a play room. Wall between corridor and bedrooms contains vision panels glazed with clear wire glass. Ceilings are generally acoustically treated.

The adojining nursing unit (twenty beds) in the same wing, will offer ward and semi-private accommodations, similar in arrangement to the nursing unit described for the second floor of the maternity wing.

Each pair of semi-private rooms has a common toilet room.

It is characteristic that each nurses' station is centrally located within nursing unit, connected by an auxiliary corridor with nurses' lounge, supply and linen rooms and examination and treatment room. A separate charting room for doctors adjoins the station and charts will be kept in revolving chart rack built onto the counter which is located between the station and chart room.

The visitors' room and patients' day room are located in close proximity and within view of station for ease of control.

Patients' toilets, showers, and day room are also located near the nurses' station.

**Fourth Floor**

The "B" wing contains a nursing unit (thirty-six beds) of ward and semi-private rooms.

In the center wing of this floor are located living quarters for heads of departments. In the future these rooms can be converted to a specialized nursing unit.

**Fifth Floor**

The "B" wing contains a nursing unit (thirty-six beds) of ward and semi-private rooms.

At the east end, near the elevators, there is located the patients' solarium which leads out onto a promenade open roof deck over the center wing.

**Sixth Floor**

The "B" wing contains a nursing unit (thirty-six beds) of semi-private rooms.

At the east end, near the elevators, there is located the women's volunteers quarters and the patients' library.

**Seventh Floor**

The nursing unit (twenty beds) in the "B" wing on this floor contains accommodations consisting of private rooms, so arranged that each may be utilized efficiently, as a semi-private room during an emergency.

**Pent House**

The east end of the "B" wing at this level houses the elevator machinery and fan room equipment.

**General**

Finished materials forming the interiors were carefully selected to withstand the hard usage peculiar to a hospital. Floors and bases in non-wet areas, including patients' rooms, nurseries, corridors, etc., are of asphalt tile, rubber or other resilient materials. Where subject to moisture, terrazzo or ceramic tile is used. Corridor walls are of glazed tile wainscots with plaster above. Generally, walls are of plaster and painted. Where greater degree of asepsis is required, ceramic wall tile is provided. Acoustical treatment is used generously to provide the quietude necessary in this type of building.

Doors are of wood and metal, glazed where necessary, and hung on hollow metal combination type frames, and provided with hardware conducive to quiet and easy operation.

Windows are double-hung aluminum, fully screened on the outside and shaded on the inside with window shades.

Glazing is either clear, obscure, single, double, depending on location and specific requirements of the various rooms.

With the exception of the boiler room and main lobby roof framing, which are of steel, the balance of the structure is of reinforced concrete skelton construction, with exterior walls faced with face brick and backed up with hollow masonry units. Interior partitions are of hollow tile plastered or glazed tile. Sills and copings are of limestone with cast granite treatment about north elevation of lobby.

Roof decks are topped with poured insulation and covered with composition roofing, and sun decks are of promenade tile. Metal flashings are of copper.

Roads and sidewalks are of concrete.

Parking lot pavements are of bituminous materials.

The exterior design is a simple expression and reflection of the interior plan without any attempt at costly ornamentation or forced monumentality.

The hospital is heated, in general, with wall hung convector radiators and radiant heating wall panels in operating and delivery rooms.

Temperature and humidity control has been provided in the nurseries, operating and delivery rooms and animal quarters. Mechanical ventilation is provided in kitchens, toilets, corridors and other designated areas.

Fire protection consists of a standpipe system with fire hose in wall cabinets; automatic sprinklers in kitchen, laundry, pharmacy, shops and store rooms; fire pump and cross connection with city equipment and an automatic alarm and signal system tied in with the city fire department.

Other piping systems include sanitary and storm water drainage connected to city sewers; cold water supply from city main; hot water distribution system; gas distribution system from a public utility main; compressed air distribution system; oxygen from a central outdoor tank farm with distribution system to all patients' rooms, nurseries, operating and delivery rooms.

Electrical installations consist of primary electric service at 4800 volts from two separate public utility services with automatic emergency throw-over; secondary service through 4800 to 120/208 volt transformers with distribution switchgear; fluorescent lighting in work areas and offices and incandescent lighting in other areas.

Transportation and communication systems consist of three initial and one future high speed, self-leveling, dual control hospital type elevators; electrically operated dumb-waiter, also conveyor and trayveyor from main kitchen to all pantries in nursing units; soiled linen chutes; voice inter-communicating system for all food preparation and serving areas; combination audio-visual communication between patients' rooms and nurses' stations; doctors annunciating paging system; complete telephone system; conduit system for future television from operating rooms to lecture rooms; pneumatic tube system and central radio and television antenna with conduit and cable distribution system to patients' rooms.

Equipment has been provided for food preparation and service; laundry (automatic washers and unloaders); incinerator; sterilizers high pressure steam, automatic controls; laboratory and other built-in hospital type cabinets, sinks and shelving.

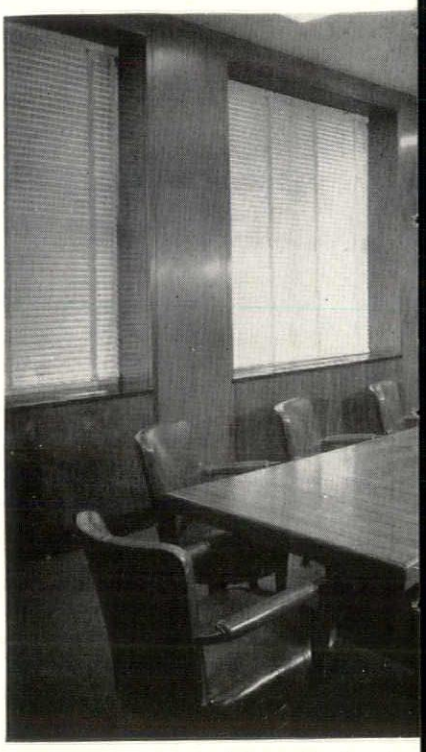
Photo by Hedrich-Blessing

# INTERNATIONAL HEADQUARTERS

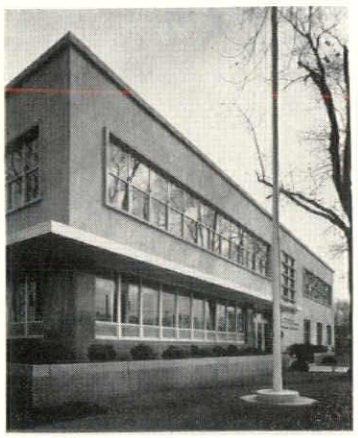
BROTHERHOOD OF MAINTENANCE OF WAY EMPLOYES

HIGHLAND PARK, MICHIGAN

President's office on northeast corner of second floor. Paneling is of walnut; marble stools and base are verde antique; plaster ceiling with flush fluorescent lighting fixtures.



Board room on second floor. Paneling is o ceiling is of acoustical tile with flush fluor



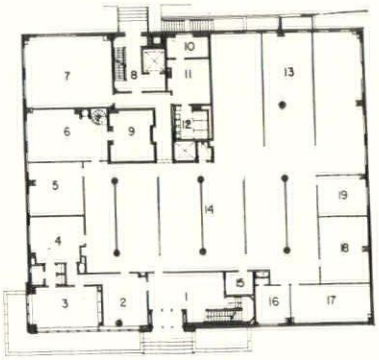
Public lobby and main stairway to the second floor. Walls are paneled with walnut and travertine. Floor is covered with rubber tile; stair treads and risers are of terrazzo; stair rails of aluminum; plaster and acoustical tile ceiling with flush fluorescent lighting fixtures.

Handsomely modern in appearance, this new office building was recently erected in Highland Park, Michigan, to house the International Headquarters of the Brotherhood of Maintenance of Way Employes. Designed by Albert Kahn Associated Architects and Engineers, the building is a two-story and basement structure with provision for the addition of a third floor when required.

Of reinforced concrete construction with reinforced concrete floor and roof slabs supported on a system of precast concrete joists, the building is approximately 114 feet by 98 feet in area. The main exterior elevations above grade are faced with limestone. Face brick to harmonize with the stone work was used on the rear elevation. Planting areas, trim at entrance, and the front entrance steps are of dark red granite.

The double-hung windows and frames and the entrance doors and frames are of aluminum. Use was made of this material in the main canopy facia as well. Interior partitions are plaster on masonry in most work areas with glass and metal used for some office partitions and the low dividing partitions in the clerks' office. Glazed hollow tile or ceramic wall tile was used in the janitors' closets and all toilet areas.

Floors in the office areas are gener-




FIRST FLOOR PLAN

marble stools and base are verde antique; ...ting fixtures.

Secretary-Treasurer's office on first foor at the northwest corner of the building. Paneling is of walnut; window stools and base of black and gold marble; ceiling is of acoustical plaster with indirect lighting

ally of asphalt tile with ceilings of metal pan acoustic tile. Marble was used for window stools throughout the building.

In the lobby and main stairway use was made of travertine, walnut paneling, rubber tile floor and aluminum trim and stair rails. The president's office, also the board room and the office of the secretary-treasurer are paneled in walnut with marble window stools and base.

Ample lighting is provided throughout by means of fluorescent fixtures of either flush or hanging types.

Located at the rear of the building is a paved area for parking purposes. The grounds are completely landscaped.

During the summer months, the building is completely ventilated and air conditioned and this system, in conjunction with convector radiators around the outside wall, heats the building during the winter cycle.

Steam is provided by means of two gas-fired package type boilers operating at 10 P.S.I. The blast coils of the ventilating system are supplied with steam at boiler pressure while the radiation is supplied with steam at varying pressures through a pressure reducing station which is controlled by an outside thermostat working in conjunction with a high vacuum pump.

General office area on first floor. Partitions are metal and glass, floors asphalt tile, ceilings of metal pan construction with fluorescent lighting fixtures, walls are plastered.

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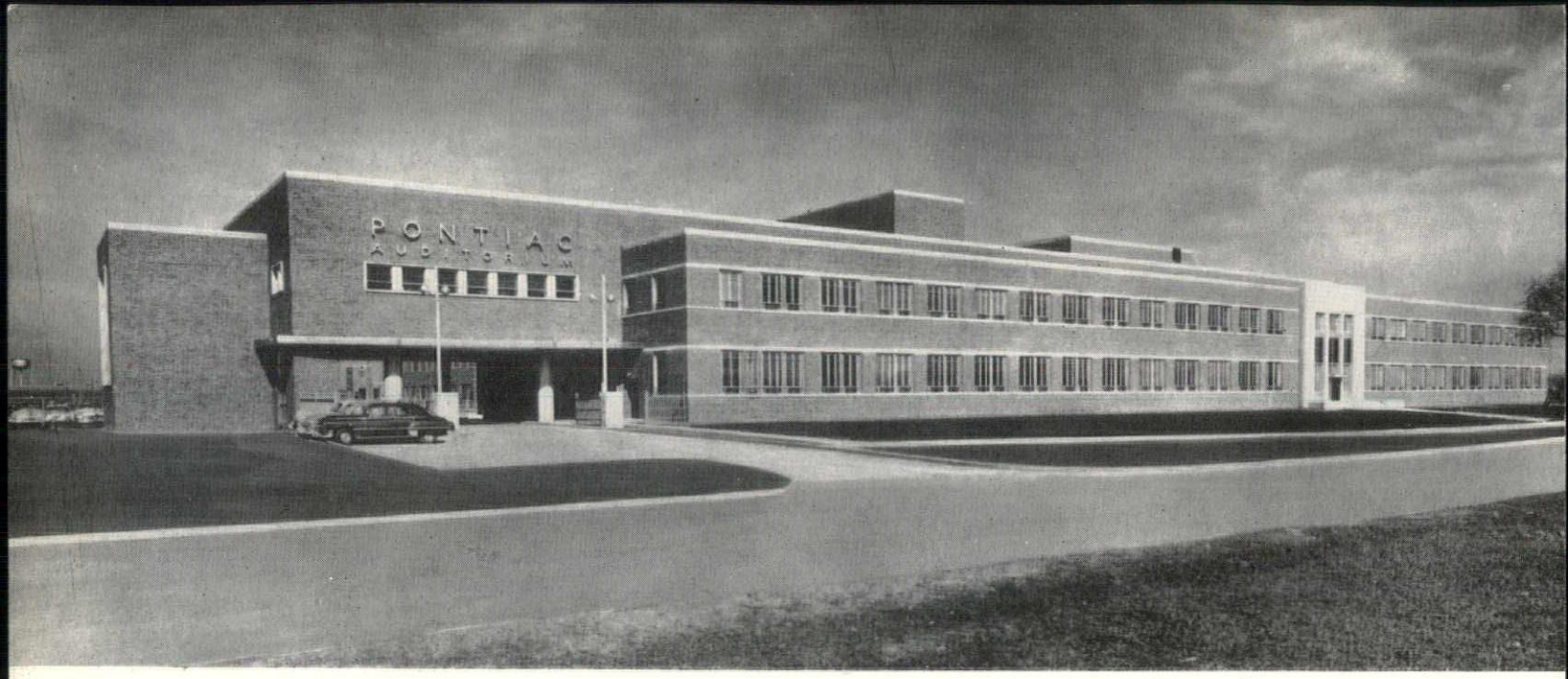



## NEW FOUR-IN-ONE ENGINEERING BUILDING FOR THE PONTIAC MOTOR DIVISION OF T

Every conceivable facility for an automotive laboratory was incorporated in the design of this structure inc

Photo by Hedrich-Blessing

This unusual structure, designed by Albert Kahn Associated Architects and Engineers, is in reality a consolidation of four buildings, each serving the individual requirements of various departments of Pontiac Motors' Engineering Division, with adequate provision for all necessary related functions.

Located at the northwest corner of Joslyn and Madison Avenues in Pontiac, Michigan, the building is as far removed from existing foundry operations as the site would permit. In order to take advantage of this location, it was necessary to limit the building area to approximately 245,000 sq. ft. Despite space limitations, however, it was possible to provide a 100-foot landscaping area along the Joslyn Avenue frontage.

Principal dimensions of the building are 320 feet by 406 feet, with portions of the basement and the second floors designed to accommodate facilities required by all four engineering divisions housed in the building and to serve as a means of communications between these departments.

Construction in the two-story portions consists of steel framing, reinforced concrete floor slabs, cement tile roof deck with cork insulation, masonry fire walls at strategic locations, movable metal partitions for general offices etc. Column bays are 60 and 70 feet long by 40 feet wide which provides great flexibility in future rearrangement of rooms, areas, equipment, etc. Rigid steel bent frames have been employed over the first story for support of the second floor. This construction permitted considerable reduction in the story height and added visual interest as well. In the one-story portions, steel trusses were used for economy and convenience.

The exterior of the building is a handsome composition of red brick with limestone trim. The steel sash has been proportioned to provide proper fenestration, express the interior functions, and yet maintain desirable uniformity of character. This was accomplished despite the many problems presented by the diversity of usages planned for the structure.

The office and auditorium sections are located in the front of the building facing Joslyn Avenue. The shop and testing areas are to the rear or west part of the building.

**Office Section**

This section is two stories in height with partial basement. The first floor contains the main entrance lobby, offices for advanced designing, engineering and secretarial personnel, executive offices, conference rooms, etc.

## GENERAL MOTORS CORPORATION

a 700-seat auditorium with stage

The second floor is devoted to development and product engineering, which consists chiefly of large drafting facilities, specification preparation rooms, reproduction rooms, vaults, and storage areas. The drafting room is 180 feet long, oriented so that north light penetrates the full 60-foot width.

The reproduction areas have facilities for process printing and blueprinting, photostatic copying, fireproof vault for storage of valuable original drawings, prints, documents, records, etc. Considerable storage space has been provided also for blueprints and other semi-valuable data.

Of considerable importance in this area, is the special display room, the principal function of which is to provide space for private viewing of advanced models and designs of everything from a carburetor to a complete car. The design of this room minimizes shadows and reflections from light sources by means of an arched ceiling and continuous indirect lighting coves around the entire room. The ceiling is of acoustic plaster. A ten-ton elevator, large enough to accommodate a full car, serves the basement, first and second floors.

The office finish, in general, consists of asphalt tile floor, flush metal and glass partitions which are movable, and removable metal pan acoustic ceilings with flush type fluorescent lighting fixtures.

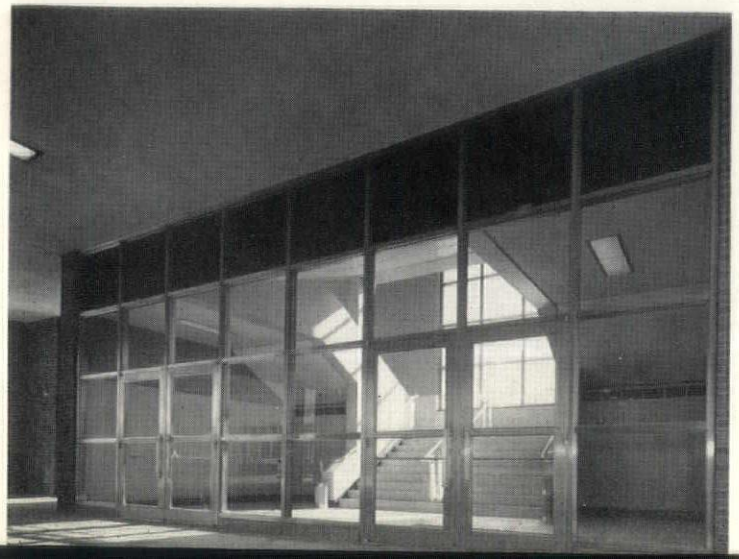
The entire section is air-conditioned.

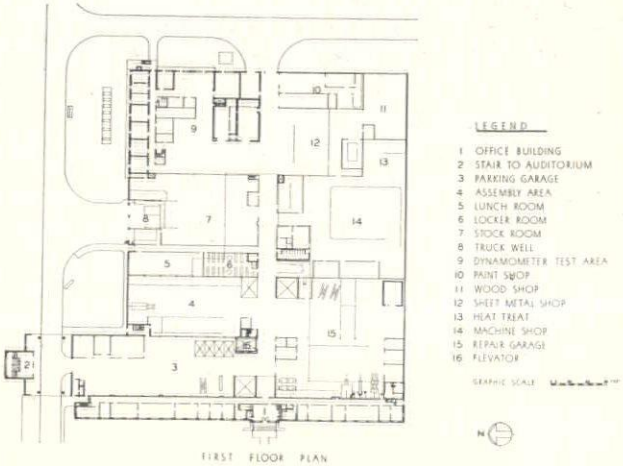
**Advanced Experimental Section**

The second portion contains facilities for the development and fabrication of experimental and/or pilot models of parts, engines, bodies, etc. up to and including a complete car. To accomplish this involved providing complete shops for woodworking and patternmaking, sheet metal work, machining, heat treating, plating, etc.

Adequate facilities have been provided for receiving, stocking and handling of materials by means of truck wells and docks, storage areas and large aisles to shops. The center driveway, for example, is 22 feet wide. Complete and modern facilities are provided for car storage, repair, maintenance and even testing after road and proving ground runs. A special exhaust system eliminates all monoxide fumes while engines are running.

Other facilities located in this area are laboratories for handling chemicals, paint, rubber, plastics, etc., photo studio, and a copperwalled radio screen room where radios can be tested in complete isolation from outside signals. Many other services for research and testing are provided in this area. Also included are dining rooms and cafeteria facilities.





SECOND FLOOR FOYER

EXECUTIVE'S GARAGE (BEHIND OFFICE SECTION) FIRST FLOOR. BENT BEAM CONSTRUCTION.

**Dynamometer Section**

This section contains varied dynamometer cells for testing engines, chassis, axles, etc. Also included is a cold room capable of enclosing and testing an automobile and engine simultaneously at extremely low temperatures and under unusual wind conditions. The height of this room even permits raising of a convertible top if desired. The insulation is reflective aluminum designed to maintain a temperature of forty degrees below zero. Under test, this insulation has demonstrated its ability to hold temperatures considerably lower than 40 below. Other test facilities include carburetor flow laboratory, ignition test, noise test, bench test, etc. The complex mechanical and electrical services required run in a basement corridor and are brought into the cells and test areas in concealed trenches.

**Auditorium and Public Display Section**

This section, devoted largely to public relations, contains auditorium and car display areas located on the second floor.

The auditorium has a capacity of 700 people and is equipped with upholstered seats, motion picture projector and screen, and a turntable for display of complete cars. Curved ceilings, with removable metal acoustic panels above indirect lighting coves, add to the handsome appearance of the room. The stage is 44 feet wide and can accommodate three cars simultaneously, one of which can be rotated on the turntable. The complete lighting facilities include disappearing type footlights, dimmer controls, etc. The projection booth is fully equipped for 16 mm and 35 mm film, slides, and spotlighting.

Adjoining the auditorium is a car display room 109 feet long and 67 feet wide. In this area new car models which have been kept "under wraps" in the special display room are shown for the first time to selected audiences of distributors, dealers and others prior to presentation of models to the public. This area is also used on occasion for banquet purposes.

Access to these facilities is made by way of a special entrance lobby with double stairs to a second floor foyer. The main road from Joslyn Avenue passes through a large opening below the second floor foyer, providing a covered entrance to this section. The exterior treatment of this section, which serves as a connecting link between office and auditorium areas, is designed to harmonize with the treatment of the auditorium.

**Ventilating**

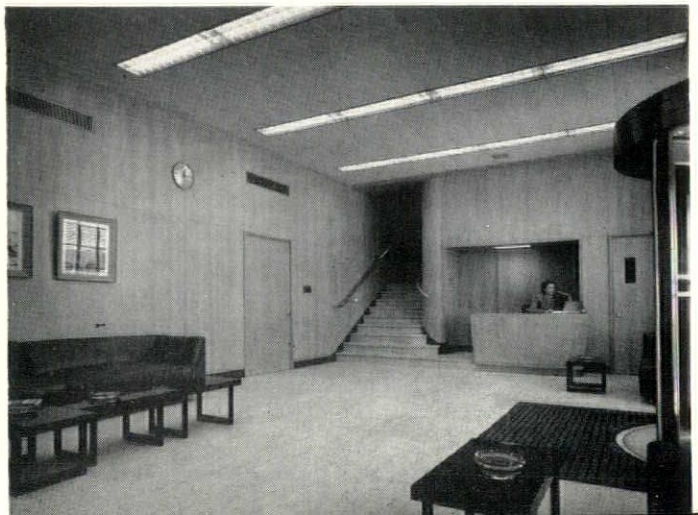
The shop areas are completely ventilated, with the central supply and exhaust systems located in two fan rooms on the roof. For flexible operation of the plant during shut-off periods, each shop area, the machine shop, sheet metal shop and garage, is served by a separate system. The systems are composed of automatic oil filters and heating coils and are designed to provide the shops with any desired percentage of outside air. The supply systems are used also to supplement the heating.

Each dynamometer room is provided with a separate supply system composed of filters and heating coils and an exhaust unit. These systems are controlled from a desk by an operator.

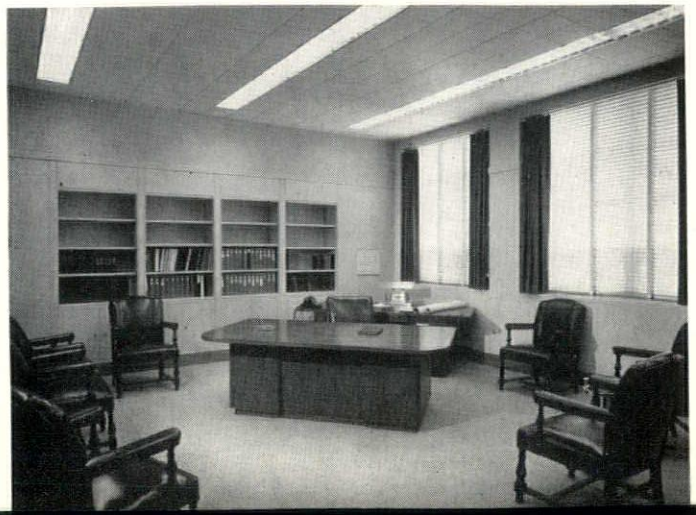
The carburetor flow laboratory where carburetion tests are run is maintained at constant temperatures to give a constant weight air for testing purposes. Direct expansion cooling coils and a refrigeration compressor provide the necessary cooling. After each operation, the air in the room is purged by a separate exhaust fan to remove the accumulated gasoline fumes.

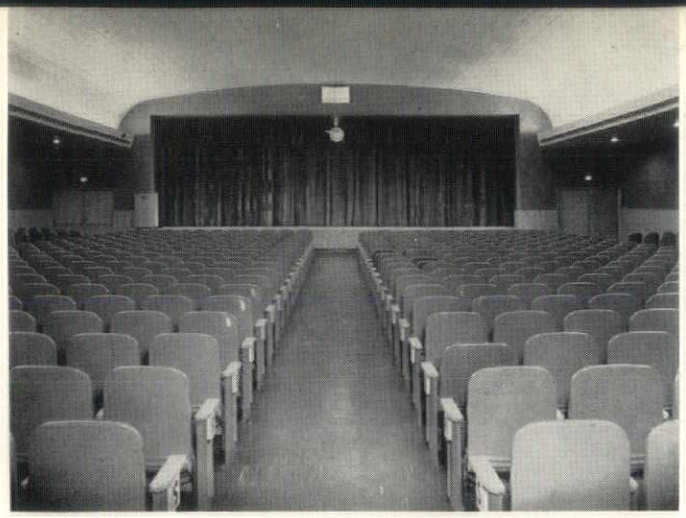
The cold room was designed to simulate conditions of —40°F and 30 mile winds. The refrigeration and fan equip-

MAIN LOBBY



CHIEF ENGINEER'S OFFICE (SECOND FLOOR)





AUDITORIUM, SECOND FLOOR

ENGINEERING DRAFTING ROOM (WITH NORTH LIGHT) SECOND FLOOR. ALZAC ALUMINUM FIXTURES (FLUSH TYPE).

ment was selected so that varied degrees of temperature and wind velocities may be attained.

Three separate areas, the drafting room, offices and auditorium and car display area are completely ventilated and air conditioned. The cooling is accomplished by chilled water which is pumped to the three individual systems. A 450-ton centrifugal refrigeration compressor, located in the basement, chills the water to the required temperatures.

The three supply systems are composed of automatic oil type filters, water cooling coils and zone heating coils. The cooling coils cool the air to a predetermined dew point temperature and, if required, the zone coils back-heat the air to the desired dry bulb room temperature.

The air distribution system is different in the various areas due to the difference in construction. The large drafting room, having a separate supply and exhaust system, is supplied with conditioned air through ceiling diffusers. The two floors of offices have side-wall supply registers, and the air is recirculated through ceiling registers in the corridor. The systems for the offices are zoned for the first and second floors and east and west sides of the building. In the auditorium, where the ceiling is coved for proper lighting distribution, a grilled narrow slot in the cove is provided to supply conditioned air. This method of introducing the air conditioning contributes to the handsome appearance of the room by keeping the ceiling free of registers or diffusers.

**Heating**

The building is heated by two separate systems, one for the shop area where benches are required and one for the offices and auditorium areas. These two heating systems are of the forced hot water type with the steam hot water generators and pumps located in the fan room on the roof. The remainder of the shop area, garage, large doors and storage rooms are heated by overhead unit heaters of the type best suited for the location served.

Steam enters the building from the main factory area through a tunnel and is reduced in pressure from 150 lbs. to 60 lbs. at the tunnel entrance. This 60 lb. main supplies all the unit heaters, domestic water heaters and process requirements throughout the building, and also supplies the fan room equipment through pressure reducing stations from 60 lbs. to 5 lbs. The condensate from all sources returns by gravity to a duplex condensate pump and receiver unit in the basement machine room. From this point it is pumped back to the main grid system in the main plant.

The type of radiation used in the shop area is wall fin with covers and in the office section convector radiators installed in recesses provided by the general contractor.

The water temperature on each system is controlled by means of a Minneapolis Honeywell compensated hot water control, with an outside bulb and a bulb located in the hot water supply main. These bulbs work in conjunction to maintain the proper water temperature required to keep the room at a predetermined temperature.

Special provisions were made for the heating of the large auditorium foyer. Two Trane climate changers were installed under the rake of the stairs with inlet and outlet grilles facing the large doors. These units are controlled by stats in the return air duct.

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## VISITS CUBA

A. Arnold Agree, associate member of the Detroit Chapter of The American Institute of Architects, visiting in Havana, Cuba, went through the recent bloodless revolution—mostly in a taxicab.

In spite of the excitement, Agree writes that he was able to see some architecture of interest. Architecturally, he says, Havana is a curious mixture—Spanish colonial buildings, some dating back to the 16th Century, forming the predominant style up to the 1930's. Contemporary design is now flourishing, he states, and seems to be more influenced by Le Corbusier and Oscar Niemeyer than by U. S. technology.

"Cuban architects have adopted a beautifully free and airy interpretation of contemporary architecture," Agree continues, "and it is well suited to the climate.

"Since the income tax is not a decisive consideration, they plan for commodious pleasure rather than for utilitarian economy. Their results are very attractive esthetically but leave an American architect with the feeling that 'I wish I could spend my client's money so freely and disregard building codes and climatic restrictions.'

"Structures generally are of reinforced concrete, since all steel is imported and costly. Cuban designers are partial to wide cantilevered slabs to permit continuous glazing and generous overhangs. Both vertical and horizontal louvers are used against the tropical sun. Walls are stuccoed masonry, painted garish colors, and without much ornamentation. Ornamental window guards are used on lower levels. Traditional tile roofs and exotic planting give considerable charm to the rather crisp facades.

"Previous visitors to Havana will recall a popular outdoor nightclub called the Tropicana. Its enclosed air conditioned area has just been completed, and is really spectacular. It is profusely planted and lighted in a dramatic manner. At the entrance a large tree is enclosed with the top branches extending through the concrete shell. The effect is very much that of being out of doors yet sheltered from tropical showers and heat.

"The new U. S. Embassy office building is nearing completion on a prominent site in suburban Havana. With a strong north wind, the ocean breaks over the sea wall and 'waters' the lawn.

"Since there is considerable private capital and no NPA restrictions, the building volume is great. The most distinctive features of all the projects are the billboards which proclaim in four-foot letters the name of the "Arquitecto'."

## S. EUGENE OSGOOD

S. Eugene Osgood, A.I.A., distinguished architect of Grand Rapids, who had practiced there for a half century, died in Grand Rapids on May 3. He was 72 years of age.

Born in Grand Rapids, April 11, 1880, he received his early education there, then attended Cornell University. He entered practice with his father, Sidney J. Osgood, a fellow of The American Institute of Architects, in 1904. He had at one time worked for Harvey Wiley Corbett, of New York City.

He became registered when Michigan's first registration act went into effect in 1915, being issued certificate No. 3. He served as secretary of the first registration board from 1915 to 1920.

The Osgood firm had specialized in Masonic buildings and had designed many throughout the country. Eugene Osgood was consultant on the George Washington Masonic Memorial at Alexandria, Va.

Mr. Osgood had just been made a member emeritus of The American Institute of Architects.

The family home is at 206 Youell Ave., S. E., Grand Rapids. Surviving, besides his wife, Florence B. Osgood, is a daughter, Mrs. Russell Woodburne, of Ann Arbor; three grand children and a sister, Mrs. William Corl, of Grand Rapids.

## WILLIAM F. SEELEY

William F. Seeley, vice-president of the Western Waterproofing Co., of Detroit, died on May 5, at the age of 67.

He passed away at his home, 516 Manistique Ave., in Detroit, after a brief illness.

A native Detroiter, he had a long and distinguished career in the building industry, and numbered among his friends many architects and others in the field. For many years he had been chairman of the Architects-Builders' & Traders' Exchange Golf Committee, and did an outstanding job.

Bill Seeley was active in Masonic Circles, was a member of the Noontide Club, Lakeshore Country Club, a past president of the Builders' and Traders' Exchange.

He is survived by a daughter, Mrs. George H. Armstrong; two sons, William A. and Harry F.; two sisters and a brother.

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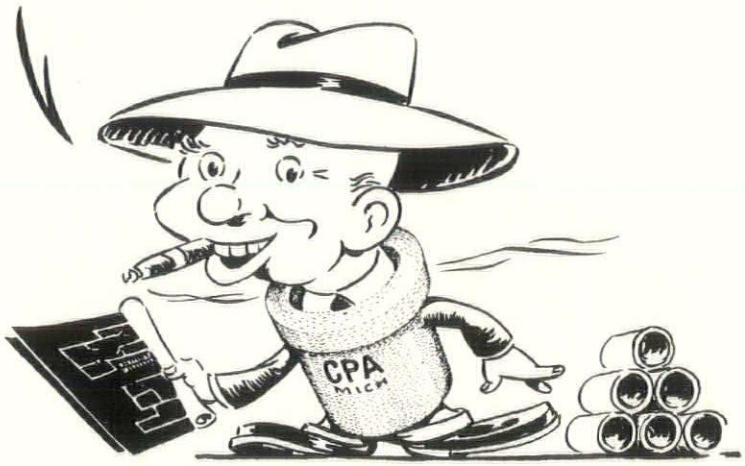


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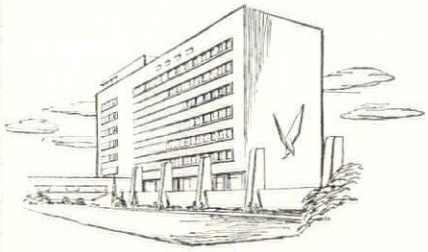


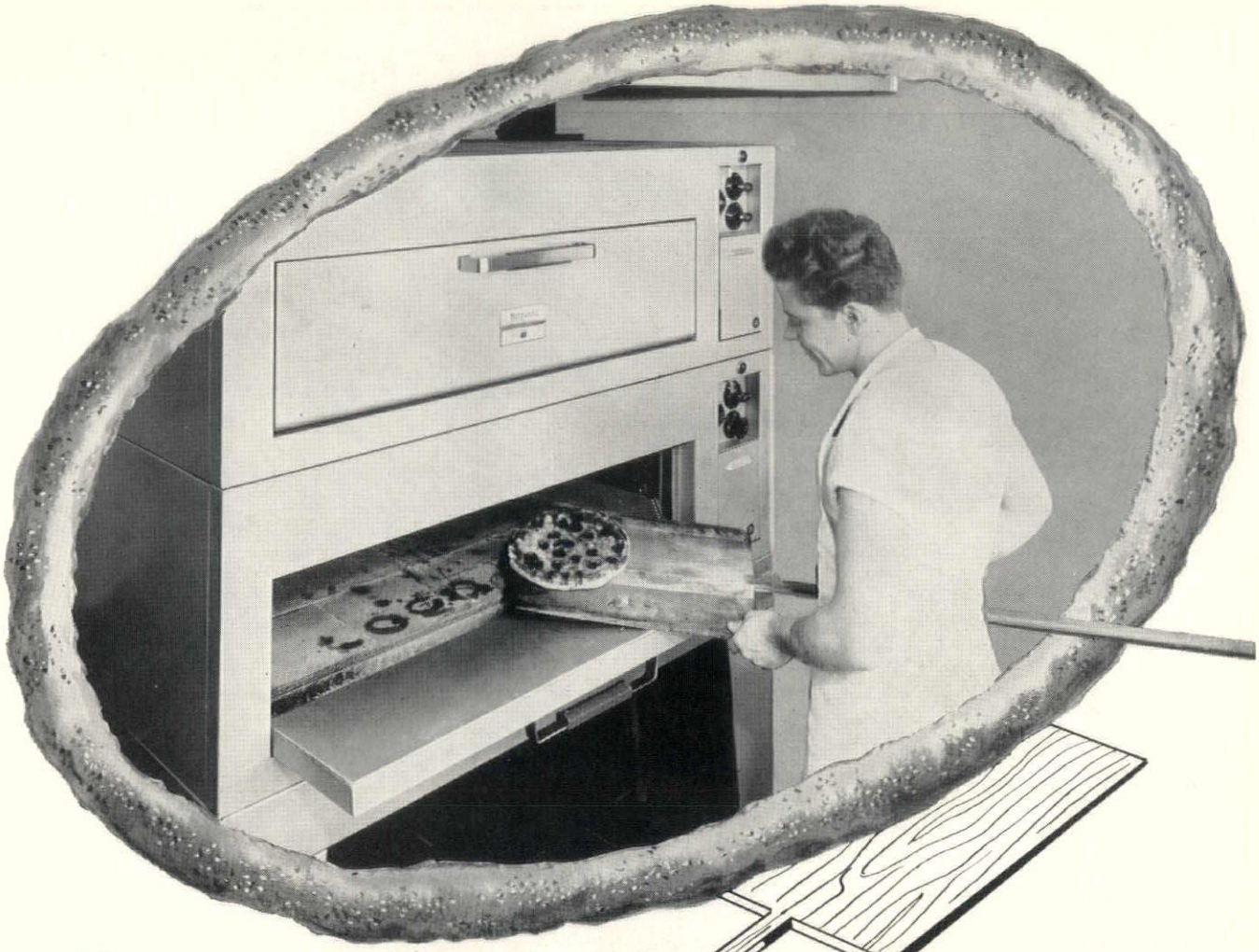
*Kitchens* in the beautiful Veterans' Memorial Building are *Gas*-equipped

Dining rooms of the fine new building on the Detroit waterfront are busy catering to banquets, dinners, and meetings. The excellent food served here is prepared on gas equipment.

Shown in the picture herewith is the main kitchen in the basement of the building, equipped with two gas broilers and five gas ranges. The service kitchen on the main floor has three gas ranges, while the kitchen serving the 8th floor cafe has two gas ranges and two gas broilers. All 14 pieces of Gas equipment are heavy-duty.

MICHIGAN CONSOLIDATED GAS COMPANY

*Serving 735,000 customers in Michigan*



# PIZZA for PROFIT

*... baked electrically — of course!*

High temperature baking, accurately controlled, is one of the secrets of pizza pie perfection.

Nu-Pak Food Products, featuring both carry-out and table service at 14347 Michigan Avenue, Dearborn, uses a double 2-pan electric oven to do the trick—right before your eyes and right in the front window to attract passers-by.

Clean, efficient and attractive in appearance, it is another good example of the plus value electric baking and cooking equipment gives you. For additional information, phone WOodward 2-2100, extension 9410. There's no obligation.

**DETROIT EDISON**

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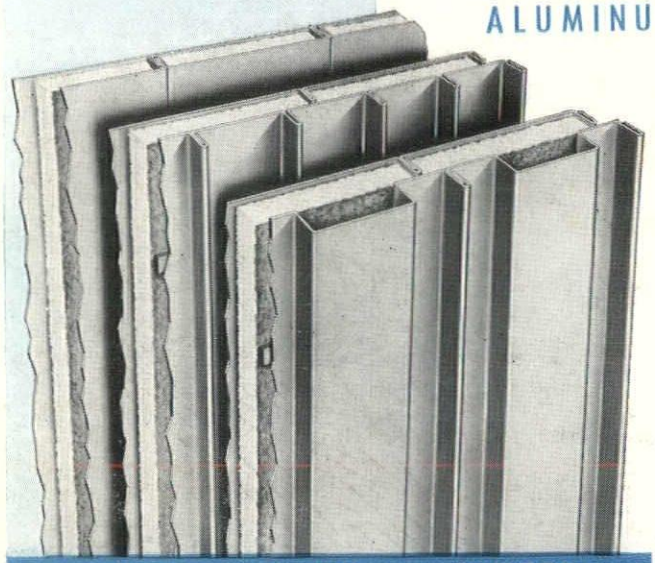
# INSULATED METAL WALLS

for INDUSTRIAL and COMMERCIAL BUILDINGS

ALUMINUM, STAINLESS or GALVANIZED STEEL



**FLUSH, RIBBED, or FLUTED**
**Over-all "U" Factor of Various Types is Equivalent to or Better than Conventional 16" Masonry Wall**

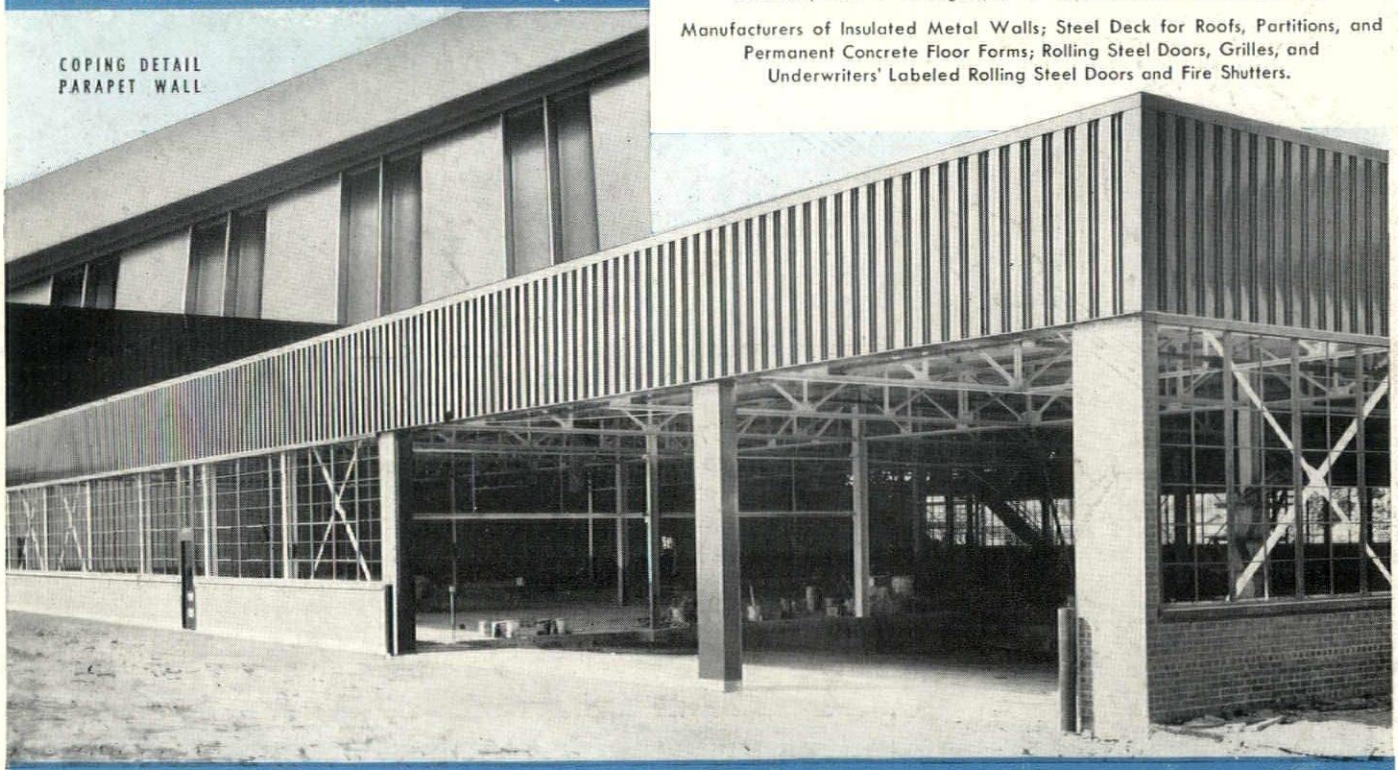
This light-weight permanent wall construction continues to gain favor among designers, builders and owners throughout the country . . . it is ideal for curtain walls in virtually any type of structure—either when employed for the entire wall surface, or in combination with brick or other materials. The building illustrated below is typical. Mahon Insulated Metal Walls can be furnished in the three distinct exterior patterns illustrated at left . . . they are available in two "Field Constructed" types, and in two types of "Prefabricated Panels". Walls of the "Field Constructed" type can be erected up to fifty feet in height without horizontal joints—a feature of Mahon walls which is particularly desirable in power houses or other buildings where high expanses of unbroken wall surface are common. For specifications and complete information on this modern, permanent Wall Construction, see Sweet's Files, or write for Catalog No. B-52-B.

THE R. C. MAHON COMPANY

Detroit 34, Mich. • Chicago 4, Ill. • Representatives in All Principal Cities

Manufacturers of Insulated Metal Walls; Steel Deck for Roofs, Partitions, and Permanent Concrete Floor Forms; Rolling Steel Doors, Grilles, and Underwriters' Labeled Rolling Steel Doors and Fire Shutters.

COPING DETAIL
PARAPET WALL



Mahon Insulated Metal Walls and Mahon Steel Deck Roof employed in the construction of a new building for L. A. Young Spring & Wire Corp., Detroit, Mich. Christian W. Brant & Associates, Architects; Barton-Malow Co., General Contractors.

MAHON